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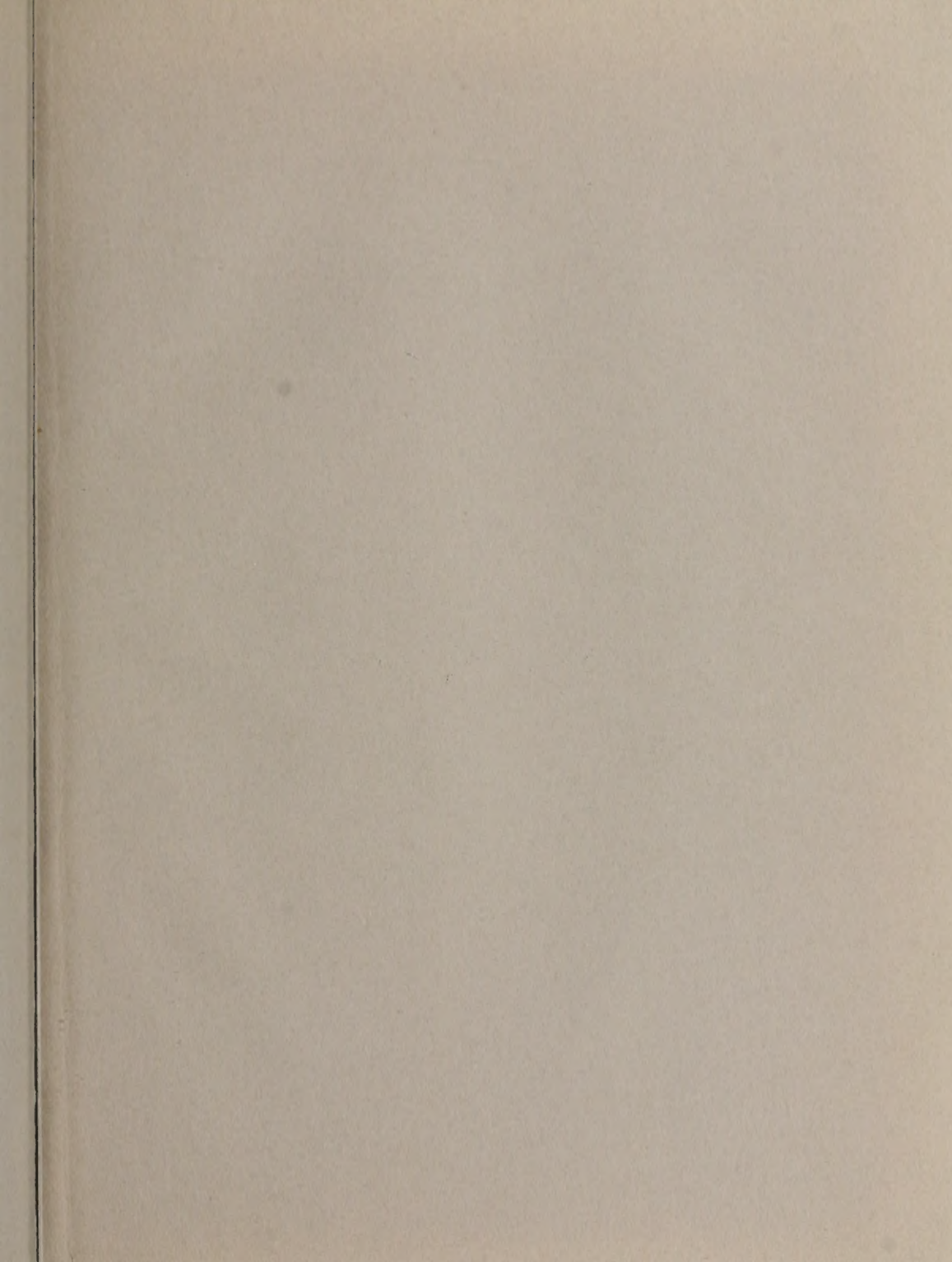
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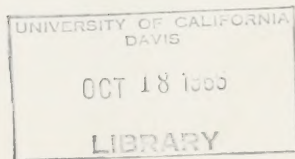
HYDROLOGIC DATA: 1964

Volume V: SOUTHERN CALIFORNIA
Appendix C: GROUND WATER MEASUREMENTS

PART 2

Lahontan, Colorado River Basin,
Santa Ana and San Diego Drainage Provinces

JULY 1966



HUGO FISHER
Administrator
The Resources Agency

EDMUND G. BROWN
Governor
State of California

WILLIAM E. WARNE
Director
Department of Water Resources



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ORGANIZATION OF BULLETIN NO. 130 SERIES

BULLETIN No. 130-64

- Volume I - NORTH COASTAL AREA
- Volume II - NORTHEASTERN CALIFORNIA
- Volume III - CENTRAL COASTAL AREA
- Volume IV - SAN JOAQUIN VALLEY
- Volume V - SOUTHERN CALIFORNIA

Each volume consists of the following:

- Appendix C - GROUND WATER MEASUREMENTS
- TEXT and
- Appendix A - CLIMATE
- Appendix B - SURFACE WATER FLOW
- Appendix C - GROUND WATER MEASUREMENTS
- Appendix D - SURFACE WATER QUALITY
- Appendix E - GROUND WATER QUALITY

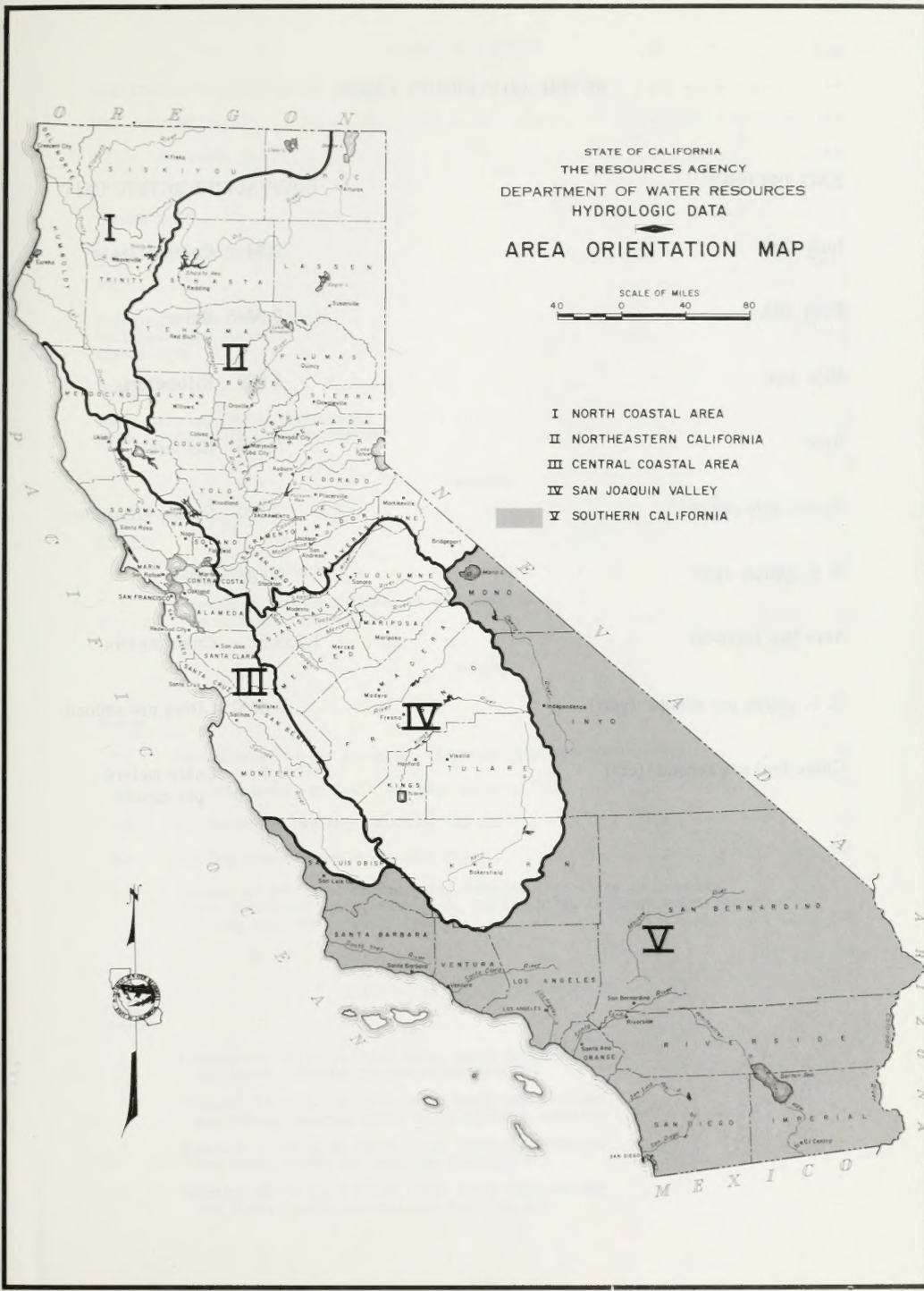
JULY 1965

WILLIAM B. WANN
Director
Department of Water Resources

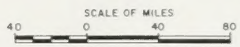
EDWARD J. WOOD
Director
State of California

ALBERT J. HARRIS
Director
The Resources Agency





STATE OF CALIFORNIA
 THE RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES
 HYDROLOGIC DATA
AREA ORIENTATION MAP



- I NORTH COASTAL AREA
- II NORTHEASTERN CALIFORNIA
- III CENTRAL COASTAL AREA
- IV SAN JOAQUIN VALLEY
- V SOUTHERN CALIFORNIA



METRIC CONVERSION TABLE

ENGLISH UNIT	EQUIVALENT METRIC UNIT
Inch (in)	2.54 Centimeters
Foot (ft)	0.3048 Meter
Mile (mi)	1.609 Kilometers
Acre	0.405 Hectare
Square mile (sq. mi.)	2.590 Square kilometer
U. S. gallon (gal)	3.785 Liters
Acre foot (acre-ft)	1,233.5 Cubic meters
U. S. gallon per minute (gpm)	0.0631 Liters per second
Cubic feet per second (cfs)	1.7 Cubic meters per minute

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4	Location of Wells at Which Water Level Fluctuations Are Shown, San Diego Drainage Province (Z)

ABSTRACT

Part 2 of Appendix C tabulates ground water measurements taken in the Lahontan, Colorado River Basin, Santa Ana, and San Diego Drainage Provinces from July 1, 1963, through June 30, 1964. The tabulations list water surface elevations at wells, along with state well numbers, ground surface elevation at wells, depth to water from ground surface, date of measurement, and name of agency supplying the data. A summary of recharge activities for the 1963-64 water year is given. Foldout maps depict drainage provinces, boundaries of hydrologic areas, and areas of water-bearing sediments.

INTRODUCTION

This publication contains ground water data for the Lahontan, Colorado River Basin, Santa Ana, and San Diego Drainage Provinces. The location of these four provinces are shown on Plates 1 through 4. These four drainage provinces, plus the Central Coastal and Los Angeles Drainage Province, make up the Southern California area, which is shown on Figure 1. Data on the other two drainage provinces are presented in a separate publication, Part 1, Appendix C.

Hydrographs of key wells illustrating the ground water level fluctuations are shown on Figures 2 through 6. The locations of these wells are shown on Plates 1 through 4, which are bound at the back of this report. These wells were chosen because they provide a representative sample of ground water levels in the major drainage basins.

Tabulations of ground water measurements made during the period July 1, 1963, to June 30, 1964, are given by hydrologic areas in Tables C-1 through C-4. The tabulations show the state well number, ground surface elevation, date of measurement, distance from ground surface to water surface, water surface elevation, and agency supplying the data.

The replenishment of ground water basins by artificial recharge of surface runoff and imported water is widely practiced in Southern California. A summary of the principal recharge activities is presented in Table C-5.

MEASUREMENT TECHNIQUES

Unless otherwise indicated, the measurements given are of static water levels. There are recorded measurements of approximately 7,500 wells in Parts 1 and 2 of Appendix C of this bulletin of which only about 400 wells

are measured by the Department. In most wells, the depth to water is a direct measurement made with a metal tape or electric sounder and is accurate to ± 0.1 foot per hundred feet. Some wells, measured by certain cooperators, are measured by an air line and pressure gage and these measurements are generally accurate to ± 1 foot per hundred feet.

In the tabulations of ground water levels at wells in this volume, the code words "FLOW" and "DRY" are used in some instances in the column "Dist. G. S. to Water Surface, in Feet". The word "FLOW" means an observation where water was freely flowing over the top of the casing because the piezometric elevation at the well was greater than the elevation of the top of the casing. The word "DRY" is used when no standing water was observed in the well because the depth to ground water was equal to or greater than the depth of the well.

Values in the column "Dist. G. S. to Water Surface, in Feet" in this cover may be followed with an alphabetic character or asterisk, which indicates a qualified or questionable measurement. "P" indicates that the well was being pumped at the time of measurement. "A" indicates that the measurement was made by air gage. An asterisk indicates that a nearby pump was operating, the casing was leaking or wet, the well was pumped recently, or, for some other reason, the measurement was thought to be questionable.

The ground surface elevations for most of the wells for which data are given in this report were obtained by measurement, usually by engineer's level. However, when a direct measurement was not available, the ground surface elevation was estimated from topographic maps. Estimated elevations are indicated by a double asterisk immediately following the value.

CODING

To facilitate machine processing of hydrologic data published in this report, codes using numerals and letters designate hydrologic areas, wells, agencies, and other pertinent notes. These codes are described in the following paragraphs.

Hydrologic Area Coding System

Bulletin No. 130-63, Volume V, introduced a new coding system based primarily on drainage boundaries. This system superseded the areal designation code based on ground water basins.

Briefly, the new areal designation code identifies a hydrologic area by a system of five characters in the form A-ll.A1, consisting of two letters and three numerals. The letter to the left of the dash refers to the drainage province. The two numerals to the left of the decimal point refer to the hydrologic unit. The one letter and the one numeral to the right of the decimal point refer to the hydrologic subunit and hydrologic subarea, respectively. However, when a hydrologic subunit is not divided into hydrologic subareas, the character to the far right is a zero. When a hydrologic unit is not divided into hydrologic subunits, both of the characters to the right of the decimal are zeros.

A complete description and a discussion of the new coding system are described in an office report entitled "Names and Areal Code Numbers of Hydrologic Areas in the Southern District", dated April 1964.

Well Numbering System

The State Well Numbering System used in this report is based on township, range, and section subdivision of the Public Land Survey. It is

the system used in all ground water investigations and for numbering all wells for which data are published or filed by the Department of Water Resources. In this report, the number of a well, assigned in accordance with this system, is referred to as the state well number.

Under the system, each section is divided into 40-acre tracts lettered as follows:

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

Note that I and O are omitted in the grid above.

Wells are numbered within each 40-acre tract according to the chronological sequence in which they have been assigned state well numbers. For example, a well that has the number 16N/3E-17K1, M, would be in Township 16 North, Range 3 East, Section 17, Mount Diablo Base and Meridian, and would be further designated as the first well assigned a state well number in tract K. Well numbers in this volume are referenced to the Mount Diablo Base and Meridian (M) or the San Bernardino Base and Meridian (S).

Agency Code

The agency code used in this report for ground water measurements consists of four numerals for indicating the agency supplying the data.

The digit on the far left indicates the well numbering system used by the agency as follows:

1. The location numbering system originated by the Los Angeles County Flood Control District, based on 6-minute quadrangle maps.
2. The Ventura County Flood Control District numbering system.
3. The State Serial Numbering System originally used in the Bulletin No. 39 series.
4. Local agency numbering system.
5. Official State Well Numbering System.

The three digits to the right of that indicate the type of agency according to the following system:

000 to 049	Federal agencies
050 to 099	State agencies
100 to 199	County agencies
200 to 399	Municipalities
400 to 699	District - water, irrigation, etc.
700 to 999	Private agencies

The agency codes and names used in this book are given below:

<u>Agency code</u>	<u>Agency name</u>
1101	Los Angeles County Flood Control District
3230	San Bernardino Water Department
3400	San Bernardino Valley Water Conservation District
3719	West End Consolidated Water Company
3847	Gage Canal Company
4103	Riverside County Flood Control and Water Conservation District
4104	East San Bernardino County Water District
4124	West San Bernardino County Water District
4201	Colton Water Department
4210	Anaheim Water Department
4228	Ontario Water Department
4235	Upland Water Department
4402	Ramona Irrigation District
4405	Vista Irrigation District
4421	Lakeside Irrigation District
4700	Palm Springs Water Company
4701	Corona Foothill Mutual Lemon Company
4702	Cucamonga Water Company
4706	Fontana Union Water Company
4709	Irvine Company

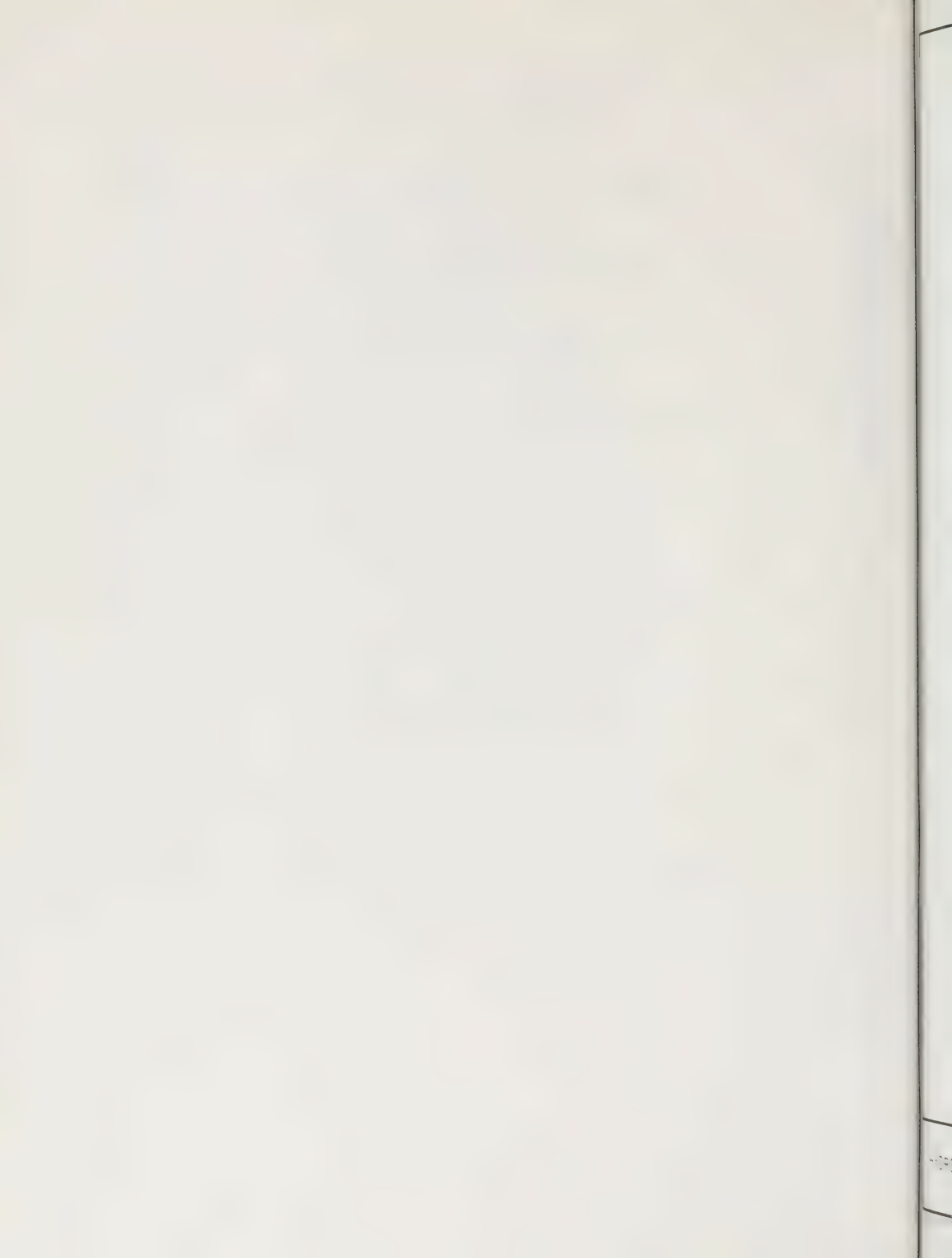
Agency codeAgency Name

4715	Santa Ana Valley Irrigation Company
4742	Yorba Linda Water Company
4748	San Antonio Water Company
4750	San Luis Rey Heights Mutual Water Company
4776	Southern California Water Company
4780	Cardiff Farms Mutual Water Company
4781	Corwin Well Company
4785	California Portland Cement Company
4793	Muscoy Water Company
4850	Kaiser Steel Corporation
5000	U. S. Geological Survey, Garden Grove
5050	California Department of Water Resources
5051	Patton State Hospital
5100	San Bernardino County Flood Control District
5102	Orange County Flood Control District
5131	Coachella Valley County Water District
5202	Oceanside Water Department
5203	Redlands Water Department
5204	Riverside Water Department
5205	Carlsbad Municipal Water District
5229	San Diego Water Department
5401	Beaumont Irrigation District
5408	Fallbrook Public Utilities District
5420	Helix Irrigation District
5703	California Water and Telephone Company
5704	Ebersole, E. J.
5708	Vail Company
5710	Green Mutual Water Company
5711	Escondido Mutual Water Company
5713	Rowe, W. P.
5716	South Elsinore Mutual Water Company
5717	Temescal Water Company
5718	Webb, A. A.
5720	Riverside Water Company
5721	Francis Mutual Water Company
5723	Pine Valley Mutual Water Company
5724	Del Dios Mutual Water Company
5727	Julian Mutual Water Company
5783	Riverside Highland Water Company
5784	Campo Water Company
5831	Quiet Hills Water Company
5849	Dawson, C. R.
5872	Corona City Water Company

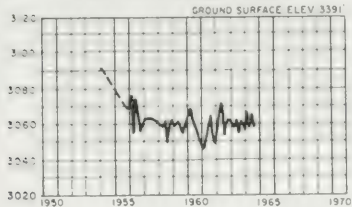
DATA

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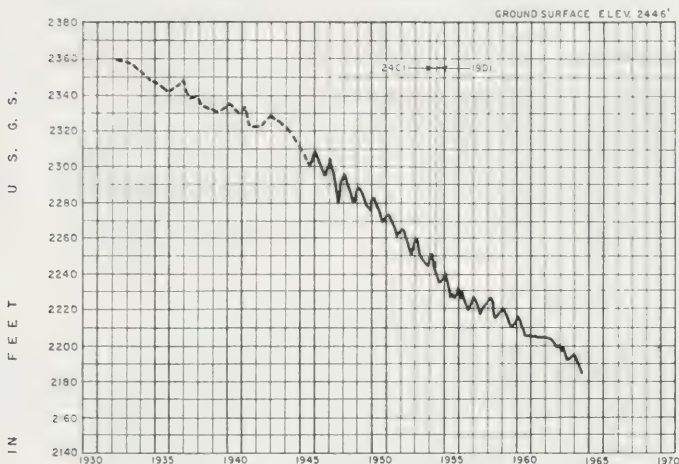
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	Willow Springs Hydrologic Subarea Lancaster Hydrologic Subarea	
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	Middle Mojave Hydrologic Subunit	
	Lower Mojave Hydrologic Subunit	
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	Bonsall Hydrologic Subunit	
	Mission Hydrologic Subarea Bonsall Hydrologic Subarea	
	Tia Juana Hydrologic Subunit Tia Juana Hydrologic Subarea	



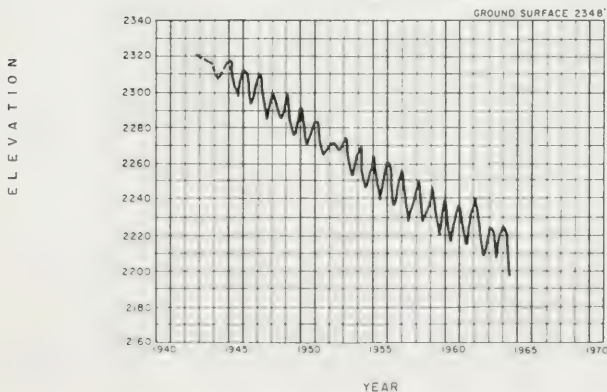
ANTELOPE HYDROLOGIC SUBUNIT (W-26.A0)
 WILLOW SPRINGS HYDROLOGIC SUBAREA (W-26.A3)
 WELL IIN/13W-29M1, S.B.B.M



LANCASTER HYDROLOGIC SUBAREA (W-26.A5)
 WELLS 7N/11W-24C1, 7N/10W-19D1, S.B.B.M

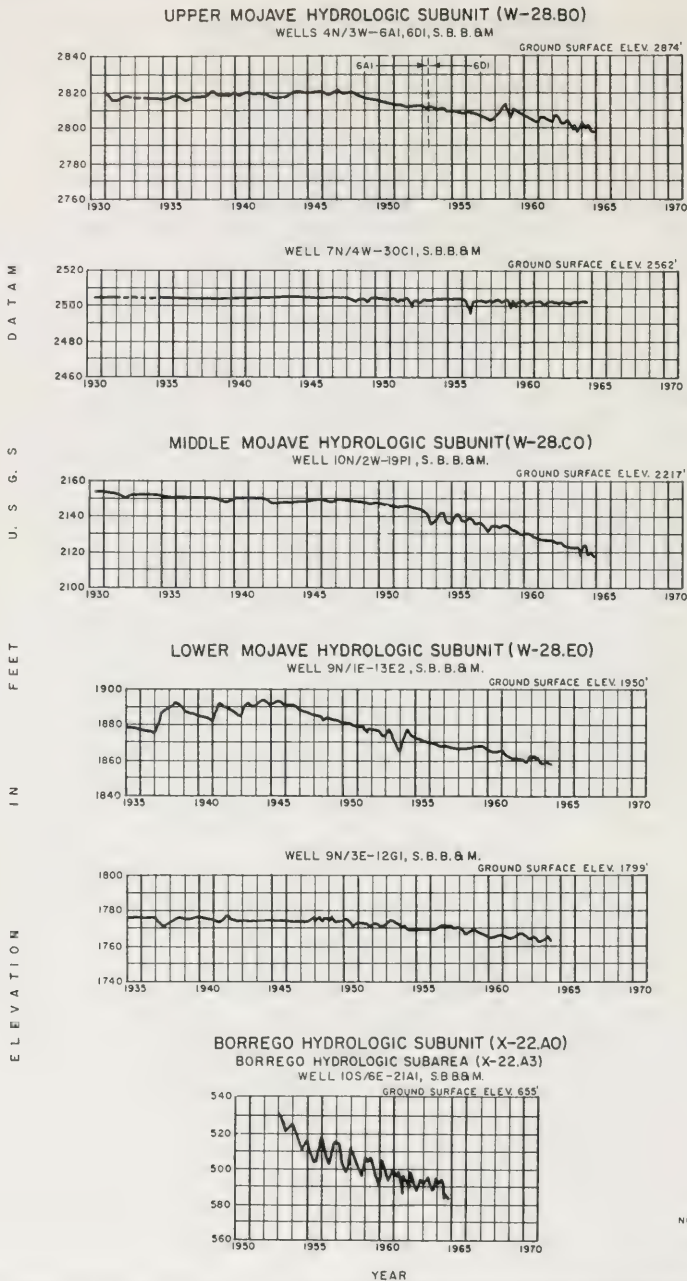


WELL 7N/12W-15F1, S.B.B.M



NOTE: LOCATION OF WELLS
 SHOWN ON PLATE I

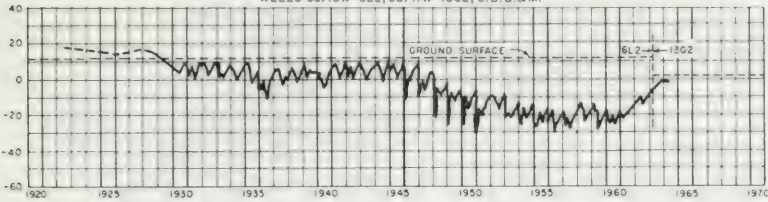
HYDROGRAPHS OF GROUND WATER AT SELECTED WELLS IN SOUTHERN CALIFORNIA



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 U . S . G . S
 F E E T
 E L E V A T I O N

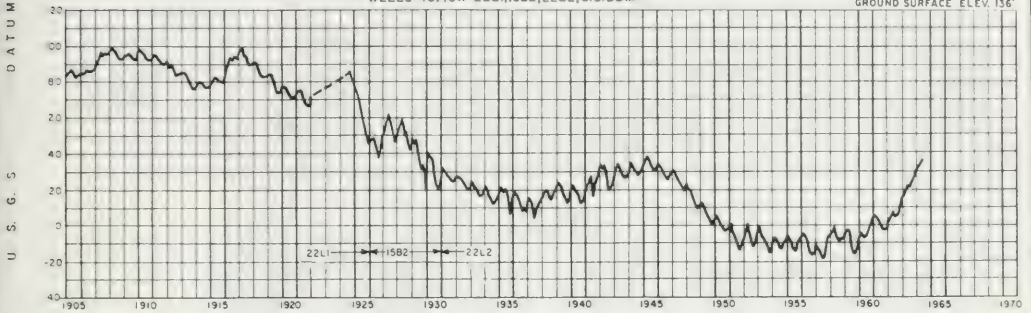
HYDROGRAPHS OF GROUND WATER AT SELECTED WELLS IN SOUTHERN CALIFORNIA

LOWER SANTA ANA RIVER HYDROLOGIC SUBUNIT (Y-01.A0)
 EAST COASTAL PLAIN HYDROLOGIC SUBAREA (Y-01.A1)
 WELLS 6S/10W-6L2, 6S/11W-13G2, S.B.B.&M.

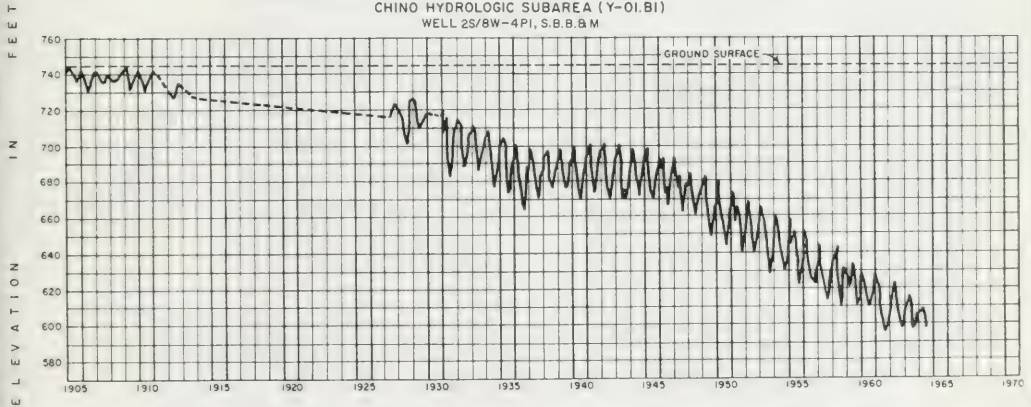


WELLS 4S/10W-22L1, 15B2, 22L2, S.B.B.&M

GROUND SURFACE ELEV. 136'

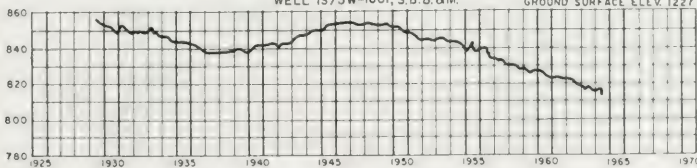


MIDDLE SANTA ANA RIVER HYDROLOGIC SUBUNIT (Y-01.B0)
 CHINO HYDROLOGIC SUBAREA (Y-01.B1)
 WELL 2S/8W-4PI, S.B.B.&M



WELL 1S/5W-16C1, S.B.B.&M

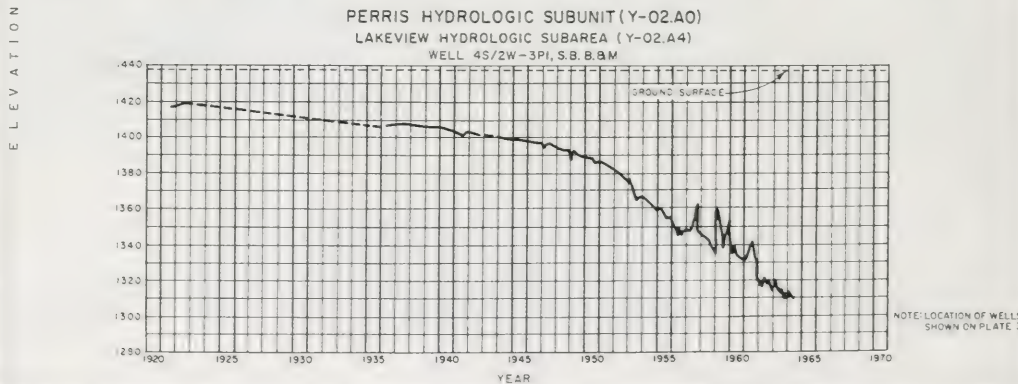
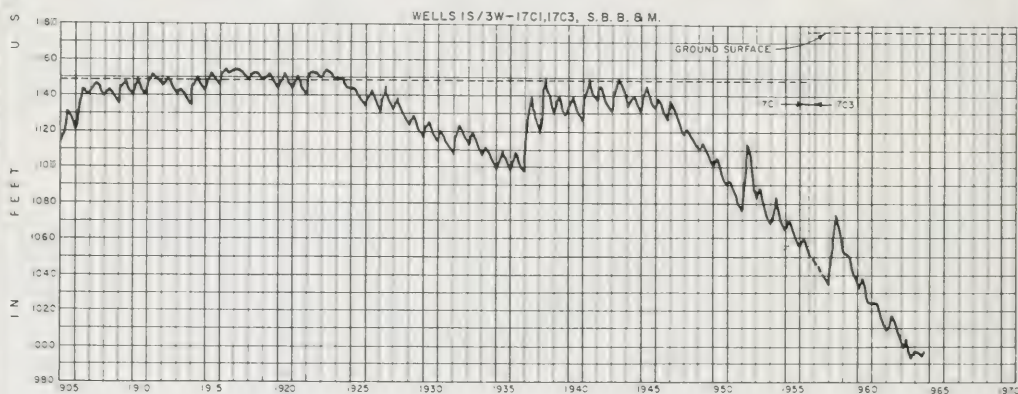
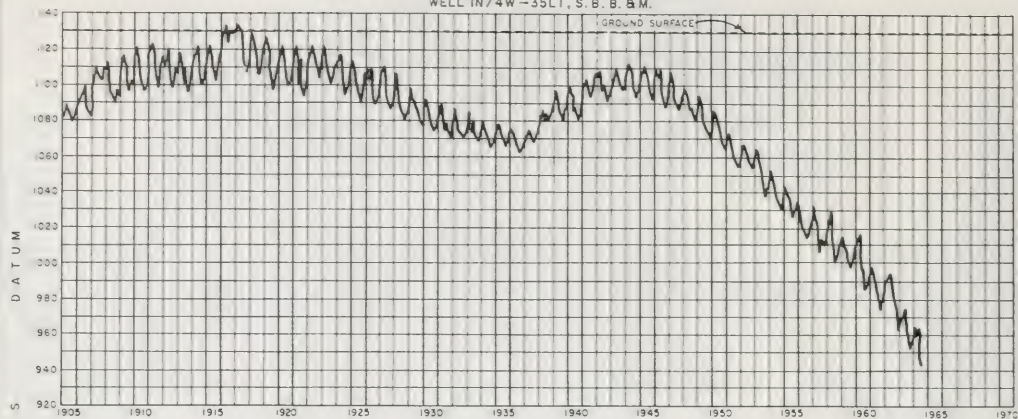
GROUND SURFACE ELEV. 1227'



NOTE: LOCATION OF WELLS SHOWN ON PLATE 3

HYDROGRAPHS OF GROUND WATER AT SELECTED WELLS IN SOUTHERN CALIFORNIA

UPPER SANTA ANA HYDROLOGIC SUBUNIT (Y-01.E0)
 BUNKER HILL HYDROLOGIC SUBAREA (Y-01.E2)
 WELL IN/4W-35LI, S. B. B. & M.

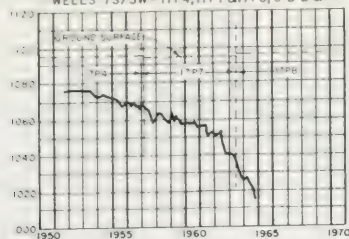


NOTE: LOCATION OF WELLS SHOWN ON PLATE 3

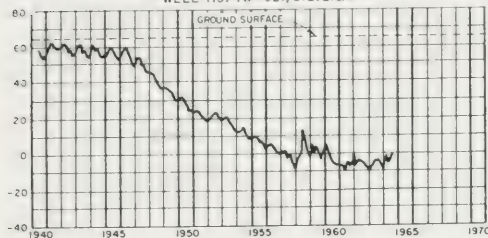
HYDROGRAPHS OF GROUND WATER AT SELECTED WELLS IN SOUTHERN CALIFORNIA

ELEVATION IN FEET DATUM U.S.G.S.

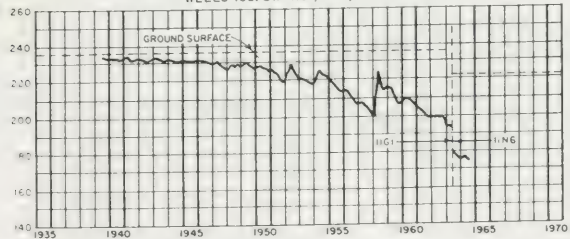
MURRIETA HYDROLOGIC SUBUNIT (Z-02.C0)
 MURRIETA HYDROLOGIC SUBAREA (Z-02.C2)
 WELLS 7S/3W-17P4, 17P7 & 17P8, S.B.B.&M



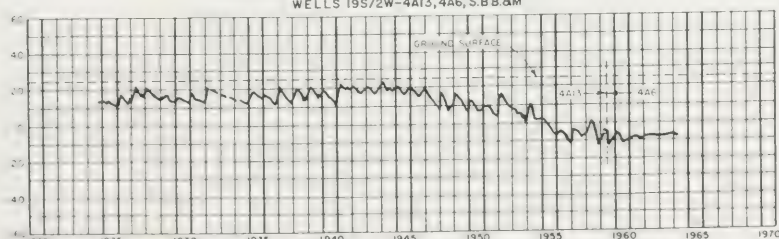
BONSALL HYDROLOGIC SUBUNIT (Z-03.A0)
 MISSION HYDROLOGIC SUBAREA (Z-03.A1)
 WELL 11S/4W-9E1, S.B.B.&M



BONSALL HYDROLOGIC SUBAREA (Z-03.A2)
 WELLS 10S/3W-11G1, 11N6, S.B.B.&M



TIA JUANA HYDROLOGIC SUBUNIT (Z-11.A0)
 TIA JUANA HYDROLOGIC SUBAREA (Z-11.A1)
 WELLS 19S/2W-4A13, 4A6, S.B.B.&M



NOTE: LOCATION OF WELLS SHOWN ON PLATE 4

YEAR

HYDROGRAPHS OF GROUND WATER AT SELECTED WELLS IN SOUTHERN CALIFORNIA

Index to Ground Water Measurements

Lahontan Drainage Province (W)

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W-11.00	Mesquite Hydrologic Unit	25
W-12.00	Ivanpah Hydrologic Unit	26
W-18.00	Coyote Hydrologic Unit	27
W-19.00	Superior Hydrologic Unit	28
W-24.00	Indian Wells Hydrologic Unit	29
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X-08.00	Joshua Tree Hydrologic Unit	63
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X-08.BO	Copper Mountain Hydrologic Subunit	63
X-09.00	Dale Hydrologic Unit	64
X-09.AO	Twentynine Palms Hydrologic Subunit	64
X-09.BO	Dale Hydrologic Subunit	65
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X-16.00	Rice Hydrologic Unit	69
X-17.00	Chuckwalla Hydrologic Unit	70
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X-17.BO	Palen Hydrologic Subunit	70
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X-19.DO	Coachella Hydrologic Subunit	73
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X-19.D2	Mission Creek Hydrologic Subarea	73
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TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
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AMARGOSA HYDRO UNIT

W-09*00

AMARGOSA HYDRO SUBUNIT

W-09*00

CHICAGO HYDROLOGIC SUBAREA

W-09*D3

22N/07E-13L01 S 2100.0** 5-04-64 21*4 2078*6 5050

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
PAHRUMP HYDRO UNIT W-10*00											
21N/10E-03M01 S	2600.0**	5-04-64	111.7	2488.3	5050						
22N/10E-33A01 S	2650.0**	5-06-64	90.2	2559.8	5050						
22N/10E-34A01 S	2640.0**	5-04-64	125.6	2514.4	5050						
22S/54E-24N01 M	2800.0**	5-06-64	33.9	2766.1	5050						
22S/54E-24Q01 M	2800.0**	5-04-64	106.7	2693.3	5050						
25S/57E-05G01 M	2630.0**	5-05-64	46.6	2583.4	5050						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
MESQUITE HYDRO UNIT											
19N/12E-03D02 S	2620.0**	5-06-64	54±4	2565±6	5050						
19N/12E-11B01 S	2595.0**	5-05-64	30±3	2564±7	5050						
19N/12E-11D01 S	2595.0**	5-06-64	37±8	2557±2	5050						
19N/12E-14C01 S	2585.0**	5-05-64	33±4	2551±6	5050						
19N/12E-14D04 S	2587.0**	5-05-64	37±9P	2549±1	5050						
19N/12E-14M01 S	2583.0**	5-05-64	34±2	2548±8	5050						
19N/13E-19R01 S	2550.0**	5-06-64	9±0	2541±0	5050						
20N/12E-19F01 S	2700.0**	5-06-64	129±4	2570±6	5050						
20N/12E-34M01 S	2631.0**	5-06-64	53±7	2577±3	5050						

W-11.00

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Date	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Date
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IVANPAH HYDRO UNIT
W-12*00

14N/16E-09A01 S 4235.0** 5-07-64 56.6 4178.4 5050

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data
COYOTE HYDRO UNIT											
11N/02E-08K01 S	1720.0**	10-29-63 3-07-64	FLOW FLOW	5000							
11N/02E-22N01 S	1730.0**	10-29-63 3-07-64	10.4 10.7	1719.6 1719.3	5000						
11N/03E-08N01 S	1725.0**	10-29-63 3-07-64	4.7 5.0	1720.3 1720.0	5000						
11N/03E-20R01 S	1780.0**	10-29-63 3-07-64	49.3 49.7	1730.7 1730.3	5000						
11N/03E-30J02 S	1775.0**	10-29-63 3-07-64	55.6 51.9	1719.4 1723.1	5000						
12N/02E-28D01 S	1775.0**	10-29-63 3-07-64 4-29-64	36.0 36.0 36.8	1739.0 1739.0 1738.2	5000						
12N/02E-31A01 S	1789.5	10-29-63 3-07-64 4-29-64	56.0 56.0 56.3	1733.5 1733.5 1733.2	5000						
12N/02E-32L01 S	1745.0**	10-29-63 3-07-64	12.4 13.4	1732.6 1731.6	5000						

W-18.00

• Questionable measurement

•• Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
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SUPERIOR HYDRO UNIT W-19-00

31S/45E-01C01 M	3040.0**	10-28-63 3-06-64	117.5 117.4	2922.5 2922.6	5000						
31S/45E-24001 M	3026.0**	10-28-63 3-06-64	107.8 105.9	2918.2 2920.1	5000						
31S/46E-02H01 M	3015.0**	10-28-63 3-06-64	103.5 102.0	2911.5 2913.0	5000						
31S/46E-16J01 M	3011.0**	10-28-63 3-06-64	93.1 93.1	2917.9 2917.9	5000						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G S Elev. in Feet	Date	Dist' G S to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G S Elev. in Feet	Date	Dist' G S to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
INDIAN WELLS HYDRO UNIT											
INDIAN WELLS HYDRO SUBUNIT						W-24+00					
W-24+80											
265/39E-20001 M	2421.8	10-21-63	219.3	2202.5	5000						
		3-12-64	218.7	2203.1							
265/40E-28J01 M	2288.9	10-22-63	109.5	2179.4	5000						
		3-13-64	109.6	2179.3							

• Questionable measurement

•• Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. In Feet	Date	Dth. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev. In Feet	Date	Dth. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data
FREMONT HYDRO UNIT W-25+00											
KOEHN HYDRO SUBUNIT W-25+00											
11N/11W-08D01 S	2640.0	11-06-63 3-04-64	198.4 198.6	2441.6 2441.4	5000						
29S/39E-28H01 M	2098.0**	11-06-63 3-04-64	177.4 176.4	1920.6 1921.6	5000						
30S/37E-24H01 M	1985.0	11-07-63 3-04-64	43.6 41.8	1941.4 1943.2	5000						
30S/37E-36G01 M	1981.0**	11-07-63	53.5	1927.5	5000						
30S/39E-08A01 M	2076.0**	11-06-63 3-04-64	140.1 140.1	1935.9 1935.9	5000						
31S/37E-08C01 M	2190.0**	11-06-63 3-04-64	182.8 183.4	2007.2 2006.6	5000						
31S/37E-13A01 M	2135.0**	11-08-63 3-04-64	232.3 229.4	1802.7 1905.6	5000						
31S/37E-35N01 M	2320.0**	11-07-63 3-04-64	246.6 244.7	2075.4 2075.3	5000						
32S/36E-35D01 M	2700.0**	11-06-63 3-04-64	265.7 265.9	2436.3 2434.1	5000						
32S/37E-11N01 M	2375.0**	11-08-63 3-04-64	280.0 279.7	2095.0 2095.3	5000						

• Questionable measurement

•• Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
ANTELOPE HYDRO UNIT											
ANTELOPE HYDRO SUBUNIT CHAFEE HYDRO SUBAREA						W-26.0A					
11N/12W-26J01 S	2594.0	11-06-63 3-04-64	181.0 196.1*	2413.0 2397.9	5000	08N/15W-07N01 S	2763.0**	11-08-63 4-01-64	194.6 200.5	2568.4 2562.5	5050
GLOSTER HYDRO SUBAREA						W-26.0B					
10N/12W-20C03 S	2645.0**	3-04-64	96.7	2548.3	5000	08N/15W-07P01 S	2750.0**	12-05-63	182.9	2567.1	5050
WILLOW SPRINGS HYDRO SUBAREA						W-26.0C					
09N/13W-07O03 S	2564.3	11-06-63 3-04-64	55.1 45.8	2509.2 2518.5	5000	08N/15W-10P01 S	2712.0**	8-05-63 9-03-63 11-12-63 12-02-63 12-03-63 1-06-64 3-03-64 3-30-64 4-06-64 5-05-64 6-01-64	147.6 148.0 146.8 147.4 148.0 148.0 148.2 149.9 147.8 148.5 148.5	2564.4 2565.0 2565.2 2584.6 2564.0 2564.0 2563.8 2562.1 2564.2 2563.5	1101 5050 1101
09N/14W-02J01 S	2735.0**	11-06-63 3-04-64	139.7 141.8	2595.3 2593.2	5000	08N/15W-22A01 S	2744.0	9-04-63 10-01-63 11-12-63 12-03-63 1-06-64 2-03-64 3-03-64 4-06-64 5-05-64 6-01-64	154.5 154.8* 154.7 148.7 145.5 146.6 148.2 147.8 156.3* 155.8*	2589.5 2589.2 2589.3 2595.3 2598.5 2597.4 2595.8 2589.5 2587.5 2588.4	1101
10N/13W-19M01 S	2905.0**	11-06-63 3-04-64	314.8 314.6	2590.2 2590.4	5000	08N/15W-22N02 S	2821.0**	11-22-63 4-03-64	206.7 205.4	2614.3 2613.6	5050
10N/13W-32M01 S	2740.0**	11-06-63 3-04-64	189.3 190.0	2550.7 2550.0	5000	08N/15W-32E01 S	3135.0**	11-06-63 4-03-64	112.0 121.5	3023.0 3013.5	5050
11N/13W-59M01 S	3391.0	7-10-63 8-10-63 9-10-63 10-10-63 11-11-63 12-10-63 1-16-64 3-10-64 4-10-64 5-10-64 6-10-64	390.0A 3061.0 335.0A 330.0A 338.0A 3083.0 3086.0 3084.0 336.0A 333.0A 326.0A 3061.0	3061.0 3061.0 3096.0 3061.0 3098.0 3083.0 3086.0 3084.0 3057.0 3058.0 3069.0 3061.0	4785	08N/15W-33G01 S	2930.0**	11-22-63 4-03-64	260.6 252.4	2669.4 2677.6	5050
NEENACH HYDRO SUBAREA						W-26.0D					
09N/15W-02OJ1 S	2645.0**	11-22-63 3-30-64	222.4 220.3	2427.6 2424.7	5050	08N/15W-34G01 S	2860.0**	11-22-63 4-03-64	218.3 217.6 217.6 211.6	2641.7 2642.4 2642.4 2642.4	5050
08N/15W-36M01 S	2785.0**	11-22-63 4-03-64	94.9 94.5	2690.1 2690.5	5050	08N/15W-36N01 S	2785.0**	11-22-63 4-03-64	94.9 94.5	2690.1 2690.5	5050

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. To Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. To Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
ANTELOPE HYDRO UNIT											
ANTELOPE HYDRO SUBUNIT NEENACH HYDRO SUBAREA						W-26-AA					
08N/16W-06G01 S	2960.0**	11-08-63	242.5	2717.5	5050	08N/17W-14E01 S	3045.0**	4-01-64	56.3	2988.7	5050
		4-06-64	284.0*	2676.0							
08N/16W-08G01 S	2915.0**	11-08-63	305.5	2609.5	5050	08N/18W-23C01 S	3343.0**	10-22-63	99.0	3244.0	1101
		4-06-64	302.9	2612.1		08N/18W-23F01 S	3350.0**	11-08-63	97.0	3253.0	5050
08N/16W-14L01 S	2859.0**	11-08-63	156.5	2702.5	5050			3-31-64	115.2	3234.8	
		4-01-64	152.9	2706.1		08N/18W-24H01 S	3340.0**	11-08-63	26.0	3314.0	5050
08N/16W-14L02 S	2863.0**	11-08-63	135.7	2727.3	5050			4-06-64	107.3*	3232.7	
		4-01-64	133.9	2729.1		09N/14W-20B01 S	2660.0**	11-22-63	295.5	2384.5	5050
08N/16W-15H01 S	2970.0**	11-08-63	53.0	2917.0	5050			4-01-64	292.1	2387.9	
		4-01-64	58.4	2911.6		09N/14W-21D01 S	2640.0**	11-22-63	294.4	2345.6	5050
08N/16W-15H02 S	2947.0**	4-01-64	26.4	2920.6	5050	09N/16W-36C01 S	2910.0**	11-08-63	268.0	2642.0	5050
		4-01-64	55.6	2914.4				4-01-64	268.4	2641.6	
08N/16W-15H03 S	2970.0**	4-01-64	28.4	2941.6	5050	LANCASTER HYDRO SUBAREA					
08N/16W-18H01 S	2995.0**	11-08-63	255.5	2739.5	5050	05N/12W-03H01 S	2824.0**	10-28-63	26.0	2798.0	1101
		4-01-64	262.2*	2708.6		05N/12W-03J01 S	2825.0	10-28-63	26.5	2798.5	1101
08N/16W-18H02 S	2989.0**	4-06-64	108.8	2880.2	5050	05N/12W-04C01 S	2935.0	10-28-63	78.9	2856.1	1101
08N/16W-22O04 S	3050.0**	11-08-63	64.6	2985.4	5050	05N/12W-04M01 S	3250.0**	10-28-63	92.0	3158.0	1101
		4-03-64	62.7	2987.3		06N/10W-09E01 S	2576.0**	11-07-63	208.5	2367.5	5050
08N/16W-23G01 S	2913.0**	11-08-63	84.3	2828.7	5050			11-13-63	203.7	2372.3	1101
		4-03-64	85.1	2827.9		06N/10W-09E01 S	2576.0**	4-03-64	205.2	2370.8	5050
08N/16W-26G01 S	3080.0**	4-03-64	4.1	3075.9	5050	06N/11W-03H01 S	2491.0	11-07-63	299.0	2192.0	5050
		4-03-64	85.9	3436.1	1101			4-03-64	301.2	2189.8	
08N/16W-31K01 S	3522.0**	10-22-63	111.4	3255.6	1101	06N/11W-05A01 S	2477.0**	11-13-63	279.4	2197.6	1101
08N/16W-32F01 S	3367.0	10-22-63	90.8	3327.2	1101	06N/12W-07A01 S	2632.0	11-12-63	304.1	2327.9	1101
08N/16W-32L01 S	3418.0**	10-22-63	283.8	2710.2	5050	06N/12W-08R01 S	2646.0**	11-12-63	377.0A	2269.0	1101
08N/17W-02N01 S	2994.0**	4-06-64	294.6	2697.4	5050	06N/12W-13K01 S	2576.0	7-01-63	326.8	2249.2	1101
08N/17W-11D01 S	2992.0**	11-08-63	291.4	2700.6	5050			(CONT.)			
08N/17W-14E01 S	3045.0**	11-08-63	54.9	2990.1	5050						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
ANTELOPE HYDRO UNIT W-26-00											
ANTELOPE HYDRO SUBUNIT LANCASTER HYDRO SUBAREA W-26-A0						ANTELOPE HYDRO SUBUNIT LANCASTER HYDRO SUBAREA W-26-A0					
06N/12W-13K01 S	2576.0	(CONT*) 8-05-63 9-03-63 10-01-63 11-13-63 12-03-63 1-06-64 2-03-64 3-03-64 4-06-64 5-05-64 6-01-64	330.2 331.2 331.2 329.0 328.3 330.5 330.3 330.3 332.2 333.9 335.2	2245.8 2244.8 2244.8 2247.0 2247.7 2245.5 2245.5 2245.7 2243.8 2242.1 2240.8	1101	07N/10W-01B01 S	2415.5**	8-05-63 9-04-63 10-01-63 11-13-63 12-03-63 1-06-64 2-03-64 3-03-64 4-06-64 5-05-64 6-01-64	237.1 237.6 238.2 242.1 242.1 238.7 238.4 235.6 238.0 240.7 242.9	2178.4 2177.9 2177.3 2173.4 2176.8 2177.1 2179.9 2177.5 2174.8	1101
06N/12W-24F01 S	2587.0	11-13-63 12-03-63 1-06-64 2-03-64 3-03-64 4-06-64 5-05-64 6-01-64	366.6 365.8 365.3 365.3 362.6 368.6 371.7 355.5	2240.4 2241.2 2241.7 2241.8 2241.8 2241.1 2237.3 2233.5	1101	07N/10W-02E01 S	2412.0**	11-05-63 3-03-64	210.9 210.5	2201.1 2201.5	5000
06N/12W-33L02 S	2931.0	10-28-63	56.6	2874.4	1101	07N/10W-05F01 S	2392.0**	11-05-63	190.4	2201.6	5000
06N/12W-33R01 S	2951.0**	10-28-63	91.9	2859.1	1101	07N/10W-14001 S	2464.0**	11-05-63	283.4	2180.6	5000
06N/13W-07R01 S	3125.0	10-28-63	24.9	3100.1	1101	07N/10W-17R01 S	2453.0**	11-05-63	262.1	2190.9	5000
06N/13W-12J01 S	2607.0	11-12-63	DRY		1101	07N/10W-19D01 S	2446.0	7-01-63 8-05-63 9-03-63 10-01-63 11-13-63 12-03-63 1-06-64 2-03-64 3-03-64 4-06-64 5-05-64 6-01-64	253.0 253.0 253.5 254.0 251.5 251.3 250.6 251.2 251.9 253.8 254.8	2193.0 2193.0 2192.5 2192.0 2194.5 2194.7 2195.4 2194.8 2192.9 2192.2 2194.2	1101
06N/13W-17H01 S	3069.0**	10-28-63	10.5	3058.5	1101	07N/10W-31M01 S	2505.3	11-05-63 11-13-63 2505.3	317.1 316.5 315.2	2188.2 2188.5 2190.1	5000 1101 5000
06N/13W-21E01 S	3133.0**	10-28-63	27.5	3105.5	1101	07N/10W-34601 S	2538.0**	11-05-63	314.2	2223.8	5000
06N/13W-23E01 S	2930.0	10-28-63	25.2	2904.8	1101	07N/11W-01001 S	2385.0**	11-05-63	202.6	2182.4	5000
06N/14W-02P01 S	3315.0**	10-28-63	13.4	3301.6	1101						
07N/09W-17N01 S	2489.0**	11-13-63	223.7	2265.3	1101						
07N/09W-17N02 S	2510.0**	11-05-63 3-02-64	220.4 217.9	2289.6 2292.1	5000						
07N/10W-01B01 S	2415.5**	7-01-63 (CONT*)	233.7	2181.8	1101						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air-gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
ANTELOPE HYDRO UNIT											
ANTELOPE HYDRO SUBUNIT LANCASTER HYDRO SUBAREA											
W-26*AO W-26*AS											
07N/11W-06A01 S	2351.0**	3-02-64	85.2	2265.8	5000	07N/12W-15F01 S	2348.0**	6-01-64	139.5	2208.5	1101
07N/11W-09P01 S	2386.0**	11-13-63	136.5	2249.5	1101	07N/12W-15F02 S	2355.0**	10-01-63	140.8	2214.2	5000
07N/11W-13001 S	2434.0**	11-05-63	246.5	2187.5	5000			11-07-63	132.0	2253.0	
07N/11W-17E01 S	2396.0**	11-05-63	195.3	2200.7	5000			11-12-63	132.7	2226.3	1101
		3-02-64	195.1	2202.9				3-02-64	128.7	2252.3	5000
07N/11W-19001 S	2418.0**	11-05-63	208.6*	2209.6	5000	07N/12W-22R03 S	2407.0**	7-01-63	183.1	2223.9	1101
		3-02-64	204.4	2213.6				8-03-63	182.3	2211.7	
07N/11W-28L01 S	2448.0	11-13-63	118.4	2329.6	1101			10-01-63	184.8	2252.5	
								11-13-63	182.2	2254.8	
07N/11W-33N01 S	2473.0**	11-05-63	279.9	2193.1	5000			12-03-63	181.2	2255.8	
		1-05-64	276.7	2196.3				1-06-64	181.4	2255.6	
		3-02-64	280.4	2192.6				2-03-64	180.0	2227.0	
07N/12W-08D01 S	2316.0**	7-01-63	97.0	2219.0	1101			3-03-64	179.6	2227.4	
		8-05-63	101.5	2214.5				4-06-64	180.6	2226.4	
		9-04-63	102.7	2213.3				5-05-64	182.7	2224.3	
		11-12-63	89.8	2226.2				6-01-64	185.5	2227.1	5000
		12-03-63	87.0	2229.0		07N/12W-25M01 S	2455.0**	11-05-63	227.9	2227.0	
		1-06-64	82.5	2233.5				3-02-64	228.0		
		2-03-64	80.7	2235.3		07N/12W-28P01 S	2447.0**	11-05-63	220.9	2226.1	5000
		3-03-64	80.9	2235.1				11-12-63	190.2	2224.8	1101
		4-06-64	85.6	2230.4		07N/12W-29F01 S	2415.0	11-12-63	215.2	2224.8	1101
		5-05-64	92.8	2232.2		07N/12W-31B01 S	2440.0**	11-12-63	286.0	2237.0	1101
		6-01-64	95.8	2220.2				11-12-63	286.0	2237.0	1101
07N/12W-13F01 S	2362.0**	11-05-63	152.5	2229.5	5000	07N/12W-33R01 S	2523.0**	11-12-63	286.0	2237.0	1101
		3-02-64	151.8	2230.2				11-21-63	164.9	2213.1	5050
07N/12W-15F01 S	2348.0**	7-01-63	140.8	2207.2	1101	07N/13W-03D01 S	2378.0**	4-02-64	180.4	2197.6	
		8-05-63	142.3	2205.7				4-07-64	231.1*		
		9-04-63	140.6	2207.4		07N/13W-07D02 S	2470.0**	11-15-63	255.5	2214.5	5050
		10-01-63	135.7	2212.3				4-07-64	231.1*	2218.9	
		11-12-63	127.8	2220.2		07N/13W-09N01 S	2395.0**	11-06-63	123.5	2271.5	5050
		12-03-63	126.0	2222.0				3-31-64	123.0	2272.0	
		1-06-64	122.8	2225.2		07N/13W-11D01 S	2356.0**	11-12-63	7.5	2348.5	1101
		2-03-64	122.0	2226.0				3-31-64	7.2	2348.8	5050
		3-03-64	122.0	2226.0		07N/13W-14E01 S	2350.0**	11-07-63	156.7	2193.3	5050
		4-06-64	125.8	2222.2				(CONT.)			
		5-05-64	130.6	2217.4							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dir. G. S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dir. G. S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data
ANTELOPE HYDRO UNIT											
ANTELOPE HYDRO SUBUNIT LANCASTER HYDRO SUBAREA						W-26-a-5					
07N/13W-14E01 S	2350.0**	3-31-64	153.7*	2196.3	5050	07N/14W-10P01 S	2583.0**	11-22-63	313.2	2269.8	5050
07N/13W-14E02 S	2350.0	11-07-63	158.4	2191.6	5050	07N/14W-13Q01 S	2490.0**	11-06-63	281.7	2208.3	5050
07N/13W-15N01 S	2358.0**	11-06-63	39.4	2318.6	5050	07N/14W-27B01 S	2835.0**	11-07-63	165.8	2669.2	5050
07N/13W-15N02 S	2360.0	4-01-64	39.1	2318.9	5050	08N/09W-06D01 S	2293.0**	3-02-64	31.4	2261.6	5000
07N/13W-16J01 S	2361.0**	11-07-63	44.4	2316.6	5050	08N/09W-06F01 S	2293.5**	3-02-64	16.4	2277.1	5000
07N/13W-17D02 S	2421.0**	11-06-63	227.2	2193.8	5050	08N/10W-01C01 S	2300.0**	11-05-63	80.9	2219.1	5000
07N/13W-19A01 S	2424.0**	11-07-63	217.5	2206.5	5050	08N/10W-01F01 S	2303.0**	3-02-64	19.8	2283.2	5000
07N/13W-21J02 S	2372.0**	11-12-63	169.6	2202.4	1101	08N/10W-02P01 S	2310.0	11-05-63	58.1	2251.9	5000
07N/13W-24B01 S	2351.0**	11-07-63	58.5	2292.5	5050	08N/10W-04G01 S	2300.0**	11-05-63	78.4	2221.6	5000
07N/13W-27D01 S	2425.0**	4-01-64	323.1	2101.9	5050	08N/10W-08N02 S	2316.0**	11-06-63	72.0	2244.0	5000
07N/13W-34J01 S	2464.0**	11-12-63	345.7	2118.3	1101	08N/10W-08R03 S	2318.0**	3-03-64	64.3	2251.7	5000
07N/13W-35B01 S	2436.0	11-12-63	304.2	2131.8	1101	08N/10W-09P01 S	2321.0**	11-05-63	58.9	2262.1	5000
07N/13W-35E01 S	2443.0	11-07-63	320.7	2122.3	5050	08N/10W-14E01 S	2333.0**	3-03-64	51.9	2263.1	5000
07N/14W-01Q01 S	2510.0**	11-21-63	268.9	2241.1	5050	08N/10W-19N04 S	2338.0**	11-05-63	119.7	2218.3	5000
07N/14W-10E01 S	2583.0**	11-15-63	299.7	2283.3	5050						
07N/14W-10F01 S	2557.0**	11-15-63	301.5	2255.5	5050						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data
ANTELOPE HYDRO SUBUNIT LANCASTER HYDRO SUBAREA											
W-26.6A0						W-26.6A0					
08N/10W-19N04 S	2338.0**	3-03-64	118.1	2219.9	5000	08N/12W-02J01 S	2283.0**	11-05-63	31.3	2251.7	5000
08N/10W-19001 S	2342.0**	11-05-63	109.3	2232.7	5000			3-03-64	26.2	2256.8	
		3-03-64	105.8	2236.2		08N/12W-06E01 S	2345.0**	11-21-63	86.1	2260.9	5050
08N/10W-23F01 S	2350.0**	11-05-63	95.2	2254.8	5000			4-02-64	84.2	2260.8	
		3-04-64	95.4	2254.6		08N/12W-14R01 S	2291.0**	3-03-64	45.9	2245.1	5000
08N/10W-28B01 S	2358.0**	11-05-63	127.4	2230.6	5000						
		3-03-64	124.0	2234.0		08N/12W-20R02 S	2317.5	11-05-63	66.7	2250.8	5000
08N/10W-29P02 S	2360.0**	11-05-63	163.9	2196.1	5000			3-03-64	56.3	2261.2	
						08N/12W-22M01 S	2302.0**	11-05-63	44.5	2257.5	5000
08N/11W-14N01 S	2312.0**	11-06-63	78.9	2233.1	5000			3-03-64	34.0	2268.0	
		3-03-64	70.2	2241.8		08N/12W-30K01 S	2324.0**	11-05-63	88.1	2235.9	5000
08N/11W-14R02 S	2317.0**	11-06-63	90.1	2226.9	5000			3-03-64	78.1	2245.9	
		3-03-64	91.9	2225.1		08N/12W-30N01 S	2328.0**	11-21-63	58.6	2269.4	5050
08N/11W-15Q01 S	2307.0**	3-03-64	89.4	2217.6	5000			4-02-64	58.4	2269.6	
08N/11W-18L01 S	2297.0**	3-02-64	6.9	2290.1	5000	08N/13W-05E01 S	2440.0**	11-22-63	277.9	2162.1	5050
08N/11W-18Q01 S	2298.0**	3-02-64	79.6	2218.4	5000			3-31-64	289.3	2150.7	
08N/11W-22P01 S	2317.0**	11-07-63	107.7	2209.3	5000	08N/13W-07H01 S	2442.0**	11-22-63	227.0	2215.0	5050
		3-03-64	105.8	2211.2				3-31-64	224.8	2217.2	
08N/11W-23R01 S	2332.0**	11-08-63	124.8	2207.2	5000	08N/13W-07J01 S	2450.0**	3-31-64	254.1	2195.9	5050
		3-03-64	126.3	2205.7							
08N/11W-27R02 S	2341.0**	11-05-63	162.0	2179.0	5000	08N/13W-09K01 S	2402.0**	11-22-63	205.1	2196.9	5050
		3-03-64	172.6	2168.4				3-31-64	209.2	2192.8	
08N/11W-32E01 S	2340.0**	11-05-63	87.0	2253.0	5000	08N/13W-14B01 S	2374.0**	11-22-63	182.1	2191.9	5050
		3-02-64	97.2	2242.8				4-07-64	194.2*	2179.8	
08N/11W-34D02 S	2340.0**	11-05-63	155.2*	2184.8	5000	08N/13W-17F01 S	2437.0**	4-03-64	278.6	2158.4	5050
		3-03-64	149.3	2190.7							
08N/11W-34R02 S	2358.0**	11-05-63	179.5	2178.5	5000	08N/13W-19O01 S	2457.0**	11-15-63	280.9	2176.1	5050
		3-03-64	179.7	2178.3		08N/13W-20B01 S	2430.0**	11-21-63	265.8	2164.2	5050
						08N/13W-21G01 S	2410.0**	11-21-63	235.8	2174.2	5050
								4-02-64	226.5	2183.5	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
ANTELOPE HYDRO UNIT											
ANTELOPE HYDRO SUBUNIT LANCASTER HYDRO SUBAREA						ANTELOPE HYDRO SUBUNIT LANCASTER HYDRO SUBAREA					
W-26+00						W-26+00					
08N/13W-23M03 S	2360.0**	11-21-63 4-02-64	167.9	2192+1 2188+9	5050	09N/09W-27H02 S	2280.0**	11-05-63 3-02-64	37.1	2242+9 2242+7	5000
08N/13W-26D02 S	2359.0**	11-21-63 4-03-64	132+6	2226+4 2230+5	5050	09N/10W-12R01 S	2280.0	7-17-63 8-09-63	52+5 52+6	2227+5 2227+4	5000
08N/13W-27P01 S	2367.0**	11-21-63 4-02-64	89+9 89+5	2271+1 2271+5	5050	09-18-63		9-18-63	53+2	2226+8	
08N/13W-32N02 S	2425.0**	11-22-63 4-07-64	188+8 249+8*	2236+2 2175+2	5050	10-15-63		10-15-63	52+9	2227+1	
08N/13W-33Q03 S	2387.0**	11-21-63	169+9	2217+1	5050	11-16-63		11-16-63	40+4	2229+6	
08N/13W-36M01 S	2340.0**	4-02-64	142+4	2197+6	5050	11-16-63		11-16-63	48+7	2230+7	
08N/14W-02Q01 S	2497.0**	11-22-63 3-31-64	318+7 317+6*	2178+3 2179+4	5050	2-17-64		2-17-64	48+9	2231+1	
08N/14W-14R01 S	2494.0**	11-15-63 3-31-64	215+3 223+0	2278+7 2271+0	5050	3-13-64		3-13-64	50+2	2229+8	
08N/14W-15G01 S	2525.0**	11-15-63 3-31-64	221+9 207+3	2303+1 2317+7	5050	09N/10W-16C02 S	2328.0**	11-06-63 3-03-64	92+5 90+8	2235+5 2237+2	5000
08N/14W-25H01 S	2456.0**	11-15-63 4-07-64	291+6 285+5*	2164+4 2170+5	5050	09N/10W-16M01 S	2325.0**	11-06-63 3-03-64	92+6 90+5	2232+4 2234+5	5000
08N/14W-36M01 S	2488.0**	11-15-63 4-07-64	274+3 280+6	2213+7 2207+4	5050	09N/10W-16P01 S	2322.0**	11-06-63 3-03-64	86+1 85+5	2235+9 2236+5	5000
09N/08W-18F01 S	2397.2	3-02-64	147+4	2249+8	5000	09N/10W-22J02 S	2285.0**	11-06-63 3-03-64	86+1 85+5	2198+9 2199+5	5000
09N/09W-02Q01 S	2274+8	11-05-63 3-02-64	32+0 32+4	2242+8 2242+4	5000	09N/10W-24N01 S	2273.0**	11-06-63 3-03-64	53+9 49+9	2219+1 2223+1	5000
09N/09W-06E01 S	2290+2	11-06-63 3-03-64	44+4 44+5	2245+8 2245+7	5000	09N/10W-32H01 S	2290.0**	11-06-63 3-03-64	64+8	2220+2	5000
09N/09W-10R01 S	2280.0**	3-02-64	41+1	2238+9	5000	09N/10W-34O01 S	2285.0**	11-06-63 3-03-64	61+5	2223+5	5000
09N/09W-12F01 S	2288+8	3-02-64	43+0	2245+8	5000	09N/10W-34H01 S	2285.0**	7-17-63 8-19-63	48+7 49+7	2236+3 2235+3	5000
09N/09W-26P01 S	2353+3	3-02-64	DRY	DRY	5000	9-18-63		9-18-63	51+2	2237+7	
						10-15-63		10-15-63	51+3	2237+7	
						11-16-63		11-16-63	46+0	2239+0	
						1-16-64		1-16-64	44+6	2240+0	
						2-17-64		2-17-64	44+1	2240+9	
						3-13-64		3-13-64	45+6	2239+4	
						09N/11W-36L01 S	2290.0**	11-05-63 (CONT*)	65+8	2226+2	5000

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
ANTELOPE HYDRO SUBUNIT LANCASTER HYDRO SUBAREA W-26-A0											
09N/11W-36L01 S	2290.0**	(CONT.) 3-03-64	61.2	2228.8	5000	09N/13W-35P01 S	2378.0**	11-21-63 4-02-64	177.0	2201.0	5050
09N/12W-17N02 S	2385.0**	11-21-63 3-30-64	107.0	2278.0	5050	09N/13W-36G01 S	2360.0**	11-21-63 4-02-64	94.8	2265.2	5050
09N/12W-18N02 S	2390.0	11-05-63 3-04-64	156.0	2234.0	5000	09N/14W-15M01 S	2620.0**	12-02-63 4-01-64	306.8	2313.2	5050
09N/12W-21D03 S	2350.0**	11-05-63 3-04-64	86.4	2263.6	5000	09N/14W-22A01 S	2580.0**	4-01-64	272.1	2307.9	5050
09N/12W-23N01 S	2294.0**	11-05-63 3-04-64	38.6	2255.4	5000	09N/14W-27K01 S	2550.0**	12-02-63 4-01-64	270.9	2279.1	5050
09N/12W-27J01 S	2298.0**	11-05-63 3-04-64	32.3	2265.7	5000	10N/09W-31C01 S	2280.0**	11-06-63 3-03-64	39.6	2240.4	5000
09N/12W-30A01 S	2390.0**	11-21-63 3-30-64	87.0*	2303.0	5050	10N/09W-36G01 S	2282.4	11-05-63 3-02-64	43.4	2239.0	5000
09N/12W-31N01 S	2347.0**	11-05-63 3-04-64	122.2	2224.8	5000	NORTH MUROC HYDRO SUBAREA W-26-A6					
09N/12W-35N01 S	2295.0**	11-05-63 3-04-64	26.7	2268.3	5000	10N/09W-24A02 S	2287.0**	11-05-63 3-02-64	73.6	2213.4	5000
09N/13W-04A01 S	2636.8	11-06-63	89.8	2547.0	5000	11N/08W-29K01 S	2355.0**	3-03-64	143.4	2211.6	5000
09N/13W-17R01 S	2450.0**	11-14-63 4-02-64	156.2	2293.8	5050	11N/08W-32G01 S	2340.0**	11-07-63 3-03-64	130.7	2209.5	5000
09N/13W-23B01 S	2410.0**	11-21-63 3-30-64	169.7	2240.3	5050	11N/09W-17N01 S	2324.0**	11-07-63 3-03-64	134.5	2189.9	5000
09N/13W-26E01 S	2385.0**	11-21-63 3-30-64	111.1	2273.9	5050	11N/09W-24B01 S	2345.0**	3-03-64	144.6	2200.4	5000
09N/13W-29E01 S	2450.0**	11-22-63 4-07-64	264.3	2185.7	5050	11N/09W-28C01 S	2305.0**	3-03-64	DRY	5000	5000
09N/13W-29J01 S	2435.0**	11-14-63 4-02-64	257.7*	2177.3	5050	11N/09W-30H01 S	2310.0**	3-03-64	96.5	2213.5	5000
			249.0	2186.0		11N/09W-30N01 S	2330.0**	11-07-63 3-03-64	118.8	2211.2	5000

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
ANTELOPE HYDRO UNIT											
ANTELOPE HYDRO SUBUNIT NORTH MUKOC HYDRO SUBAREA						ANTELOPE HYDRO SUBUNIT BUTTES HYDRO SUBAREA					
W-26+A0						W-26+00					
11N/09W-36A01 S	2303.0**	11-07-63 3-03-64	97.7 98.3	2205.3 2204.7	5000	06N/10W-09Q01 S	2596.0	11-13-63	167.4	2428.6	1101
11N/09W-36A01 S	2323.6	3-03-64	118.0	2205.6	5000	06N/10W-09Q02 S	2598.0**	11-13-63	166.9	2431.1	1101
11N/09W-36R01 S	2315.0**	3-03-64	100.4	2214.6	5000	06N/10W-20P01 S	2637.0	7-01-63	240.6	2396.4	1101
BUTTES HYDRO SUBAREA						W-26+A7					
05N/11W-04E01 S	2695.0**	11-14-63 11-19-63 4-03-64	154.9 155.1 154.4	2540.1 2539.9 2540.6	1101 5050			8-03-63	241.8	2395.2	
05N/11W-07E02 S	2905.0**	10-28-63	24.6	2880.4	1101			9-03-63	241.9	2395.1	5050
05N/11W-09Q01 S	2857.0	11-14-63	61.5	2795.5	1101			9-15-63	242.6	2394.8	1101
05N/11W-10G01 S	2790.0**	11-15-63	165.8	2624.2	1101			10-02-63	243.2	2394.7	5050
05N/12W-02K02 S	2806.0	10-28-63	8.3	2797.7	1101			11-01-63	242.3	2394.5	1101
05N/12W-12A02 S	2893.0	10-28-63	18.7	2874.3	1101			11-14-63	241.5	2395.5	1101
05N/12W-14L01 S	3140.0**	10-29-63	207.9	2932.1	1101			12-03-63	239.7	2397.3	
06N/09W-04H02 S	2595.0**	11-07-63 11-13-63 4-03-64	147.8 147.1 152.1	2447.2 2447.9 2442.9	5050 1101 5050			12-15-63	238.4	2398.6	5050
06N/09W-11N01 S	2666.0**	7-01-63 8-05-63 9-04-63 10-01-63 11-13-63 12-03-63 1-06-64	156.9 157.5 158.1 158.5 158.0 158.0 156.0	2509.1 2508.5 2507.9 2507.5 2508.0 2508.4 2510.0	1101			1-01-64	237.0	2400.0	
		2-03-64 3-03-64 5-05-64 6-01-64	155.9 157.7 158.8 159.4	2510.1 2508.3 2507.6 2506.6				1-06-64	238.0	2399.0	1101
		6-01-64	159.9	2506.1				1-15-64	237.5	2400.4	5050
								2-03-64	236.6	2400.4	5050
								2-15-64	234.1	2401.4	1101
								3-03-64	233.6	2402.9	5050
								3-15-64	232.7	2403.4	1101
								4-01-64	232.5	2404.5	5050
								4-06-64	233.0	2404.0	1101
								4-15-64	232.5	2405.5	5050
								5-01-64	233.6	2403.4	
								5-05-64	234.4	2402.6	1101
								5-15-64	234.6	2402.4	5050
								6-01-64	235.4	2401.6	1101
								6-15-64	236.0	2401.0	5050
								6-30-64	237.1	2399.9	
								11-15-63	105.7	2560.3	1101
								11-15-63	125.1	2580.9	1101
ROCK CREEK HYDRO SUBAREA											
								10-15-63	12.7	3450.3	1101
								11-14-63	11.9	3451.1	1101
								12-17-63	8.1	3451.9	
								1-20-64	6.2	3456.8	
								(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. To Water Surface In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. To Water Surface In Feet	Water Surface Elev., In Feet	Agency Supplying Data
ANTELOPE HYDRO SUBUNIT ROCK CREEK HYDRO SUBAREA											
W-26*AO						W-26*AB					
04N/09W-06A01 S	3463.0**	(CONT.) 2-18-64 3-16-64 4-14-64 5-18-64 6-15-64	1.5 3.7 1.8 7.3 12.5	3461.5 3459.3 3461.2 3455.7 3450.5	1101	04N/09W-06001 S	3594.0**	12-17-63	8.0	3586.0	1101
04N/09W-06B01 S	3473.0**	7-16-63 1-20-64 8-2 2-18-64 3-16-64 4-14-64	7.9 3.2 3.7 5.3 5.4	3465.1 3464.8 3465.3 3467.7 3467.6	1101	04N/09W-09E01 S	3795.0**	7-16-63 8-20-63 9-17-63 10-15-63 11-14-63 12-17-63 1-20-64 2-18-64 3-16-64 4-14-64 5-15-64 6-15-64	77.3 74.4 79.2 76.2 77.4 78.1 78.2 78.2 78.4 78.4 80.2 80.4 80.4	1101	
04N/09W-06B02 S	3464.0**	7-16-63 9-17-63 10-15-63 11-14-63 12-17-63 1-20-64 2-18-64 3-16-64 4-14-64 5-15-64 6-15-64	15.8 20.5 14.6 13.9 10.0 3.9 7.9 6.0 10.6 15.6	3448.2 3443.5 3445.2 3450.1 3454.0 3460.1 3458.1 3458.0 3453.4 3448.4	1101	04N/09W-09M01 S	3800.0**	10-15-63 11-14-63 12-17-63 1-20-64 2-18-64 3-14-64 4-14-64 5-18-64 6-15-64	87.9 84.8 81.0 80.6 81.5 81.0 82.3 80.5 81.0	1101	
04N/09W-06G01 S	3493.0**	7-16-63 8-20-63 9-17-63 10-15-63 11-15-63 12-17-63 1-20-64 2-18-64 3-16-64 4-14-64 5-18-64 6-15-64	9.2 9.6 10.0 7.8 14.8 11.3 11.5 4.0 2.5 3.8 4.4 4.6	3483.8 3483.4 3483.0 3485.2 3478.2 3481.7 3481.5 3489.0 3490.5 3488.2 3488.6 3488.4	1101	04N/09W-09N01 S	3845.0**	11-14-63 12-17-63 1-20-64 2-18-64 3-16-64 4-14-64 5-18-64 6-15-64	67.0 63.2 64.2 64.3 67.0 65.3 63.0	1101	
04N/09W-06G02 S	3594.0**	7-16-63 8-20-63 9-17-63 10-15-63 11-14-63 (CONT.)	5.6 6.3 6.6 7.9 7.5	3588.4 3587.7 3587.4 3586.1 3586.5	1101	04N/09W-09N02 S	3845.0**	7-16-63 8-20-63 9-17-63 10-15-63 11-14-63 (CONT.)	75.5 84.5 86.5 80.9 75.9	1101	

* Questionable measurement
** Approximate ground surface elevation
P Pumping measurement
A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

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GROUND WATER LEVELS AT WELLS

Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
ANTELOPE HYDRO UNIT											
ANTELOPE HYDRO SUBUNIT						ROCK CREEK HYDRO SUBAREA					
W-26-AO						W-26-AB					
04N/09M-09N02 S	3845.0**	1-20-64	70.4	3774.6	1101	04N/09M-17H01 S	3920.0**	7-16-63	12.6	3907.4	1101
		1-20-64	70.4	3774.6				8-20-63	15.1	3904.9	
		2-18-64	70.6	3774.4				9-17-63	16.2	3903.8	
		3-16-64	73.4	3771.6				10-15-63	15.9	3904.1	
		4-14-64	71.1	3773.9				11-14-63	13.9	3906.1	
		5-18-64	69.4	3775.6				12-17-63	12.9	3907.1	
		6-15-64	70.2	3774.8				1-20-64	11.4	3908.6	
								2-18-64	11.7	3908.3	
								3-16-64	11.6	3908.4	
								4-14-64	11.9	3908.1	
								5-18-64	11.4	3908.6	
								6-15-64	12.1	3907.9	
W-26-AO						W-26-AB					
04N/09M-09N03 S	3834.0**	7-16-63	59.0	3775.0	1101	04N/10M-02M01 S	3840.0	10-30-63	35.8	3804.2	1101
		8-20-63	72.0	3762.0				10-30-63	59.3	3760.7	1101
		9-17-63	73.0	3761.0				10-30-63	59.3	3760.7	1101
		10-15-63	67.1	3766.9				10-30-63	22.8	3787.2	1101
		11-14-63	57.5	3776.5				10-30-63	68.7	3766.3	1101
		12-17-63	53.8	3780.2				11-07-63	171.8	2728.2	5050
		1-20-64	55.4	3778.6				4-03-64	170.7	2729.3	
		2-18-64	57.6	3776.4				4-03-64	170.7	2729.3	
		3-16-64	57.6	3776.4				11-14-63	128.2	2753.8	1101
		4-14-64	57.1	3777.9				11-14-63	105.2	2774.8	1101
		5-18-64	56.6	3777.4				7-16-63	246.8	2930.7	1101
		6-15-64	55.2	3778.8				8-20-63	247.5	2930.0	
								9-17-63	247.5	2930.0	
								10-15-63	247.6	2929.9	5050
								11-07-63	250.3	2926.7	5050
								11-14-63	247.5	2930.0	1101
								12-17-63	247.5	2930.1	
								1-20-64	247.5	2930.1	
								2-18-64	247.5	2932.0	
								3-16-64	245.5	2932.0	
								4-03-64	246.4	2930.6	5050
								4-03-64	246.4	2930.6	
								4-14-64	246.1	2931.4	1101
								5-18-64	245.9	2931.6	
								6-15-64	246.1	2931.4	
ANTELOPE HYDRO SUBUNIT											
ROCK CREEK HYDRO SUBAREA											
W-26-AO						W-26-AB					
04N/09M-09N04 S	3831.0**	7-16-63	57.3	3773.7	1101	05N/09M-02E01 S	2900.0**	11-07-63	171.8	2728.2	5050
		11-14-63	55.9	3775.1				4-03-64	170.7	2729.3	
		12-17-63	54.3	3776.7				4-03-64	170.7	2729.3	
		1-20-64	51.8	3779.2				11-14-63	128.2	2753.8	1101
		2-18-64	51.9	3779.1				11-14-63	105.2	2774.8	1101
		3-16-64	52.6	3778.4				7-16-63	246.8	2930.7	1101
		4-14-64	52.6	3778.4				8-20-63	247.5	2930.0	
		5-18-64	50.5	3780.5				9-17-63	247.5	2930.0	
		6-15-64	51.5	3779.5				10-15-63	247.6	2929.9	5050
								11-07-63	250.3	2926.7	5050
								11-14-63	247.5	2930.0	1101
								12-17-63	247.5	2930.1	
								1-20-64	247.5	2930.1	
								2-18-64	247.5	2932.0	
								3-16-64	245.5	2932.0	
								4-03-64	246.4	2930.6	5050
								4-03-64	246.4	2930.6	
								4-14-64	246.1	2931.4	1101
								5-18-64	245.9	2931.6	
								6-15-64	246.1	2931.4	

• Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. Well Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. Well Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
ANTELOPE HYDRO SUBUNIT ROCK CREEK HYDRO SUBAREA											
W-26*AB						W-26*AO					
05N/09W-31R01 S	3432.0**	7-16-63	20.4	3411.6	1101	05N/10W-29J01 S	3279.0**	11-14-63	97.4	3191.6	1101
		8-20-63	23.7	3408.3				10-28-63	176.5	3323.5	1101
		9-17-63	23.1	3408.9				10-28-63	32.4	3519.6	1101
		10-15-63	19.3	3412.7				11-15-63	184.0	2650.0	1101
		11-14-63	18.9	3413.1				11-14-63	176.7	2735.3	1101
		12-17-63	16.5	3415.5				10-28-63	60.5	2984.5	1101
		1-20-64	16.5	3415.5				11-13-63	171.9	2591.1	1101
		2-18-64	14.1	3417.9				11-13-63	197.9	2561.9	1101
		3-16-64	16.3	3415.7				11-07-63	157.1	2558.9	5050
		4-14-64	12.9	3419.1				4-03-64	156.4	2559.6	
		5-18-64	17.3	3414.7				4-03-64	156.4	2559.6	
		6-15-64	19.7	3412.3				11-07-63	80.0	2702.0	5050
								4-01-64	88.5*	2693.5	
								4-01-64	88.5*	2693.5	
05N/09W-31R02 S	3431.0	7-16-63	19.5	3411.5	1101	06N/08W-18D01 S	2723.0**	11-13-63	171.9	2591.1	1101
		8-20-63	25.6	3405.4				11-13-63	197.9	2561.9	1101
		9-17-63	26.8	3404.2				11-07-63	157.1	2558.9	5050
		10-15-63	23.1	3407.9				4-03-64	156.4	2559.6	
		11-14-63	19.9	3411.1				4-03-64	156.4	2559.6	
		12-17-63	20.2	3410.8				11-07-63	80.0	2702.0	5050
		1-20-64	21.6	3409.4				4-01-64	88.5*	2693.5	
		2-18-64	18.2	3412.8				4-01-64	88.5*	2693.5	
		3-16-64	21.8	3409.2				7-01-63	54.9	2703.1	1101
		4-14-64	17.3	3413.7				8-03-63	55.3	2702.7	
		5-18-64	18.5	3412.5				9-03-63	55.7	2702.3	
		6-15-64	21.4	3409.6				10-01-63	55.7	2702.3	
05N/10W-03L01 S	2802.0**	11-19-63	89.4	2712.6	5050	06N/09W-29G01 S	2782.0**	11-07-63	80.0	2702.0	5050
		4-03-64	89.3*	2712.7				4-01-64	88.5*	2693.5	
		4-03-64	89.3*	2712.7				4-01-64	88.5*	2693.5	
05N/10W-06N01 S	2777.0	7-01-63	129.8	2647.2	1101	06N/09W-30F01 S	2758.0**	7-01-63	54.9	2703.1	1101
		8-05-63	132.0	2645.0				8-03-63	55.3	2702.7	
		9-03-63	128.3	2648.7				9-03-63	55.7	2702.3	
		11-01-63	126.9	2652.9				10-01-63	55.7	2702.3	
		11-14-63	124.8	2651.1				11-14-63	56.0	2702.0	
		12-09-63	129.8	2653.7				12-03-63	55.7	2702.3	
		1-08-64	123.3	2652.7				1-08-64	55.6	2702.4	
		2-03-64	123.7	2653.4				2-03-64	55.6	2702.4	
		3-03-64	126.7	2650.3				3-03-64	55.8	2702.2	
		4-06-64	123.5	2653.5				4-06-64	56.0	2702.0	
		5-05-64	124.0	2653.0				5-03-64	56.2	2701.9	
		6-01-64	123.5	2653.5				6-01-64	56.8	2701.2	
05N/10W-21J01 S	3088.0	11-14-63	29.0	3059.0	1101	06N/09W-33N01 S	2856.0**	11-14-63	103.8	2752.2	1101
								11-07-63	142.4	2717.6	5050
								4-03-64	143.6	2716.4	
								4-03-64	143.6	2716.4	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
CUDDEBACK HYDRO UNIT											
M-27-00											
30S/42E-10L01 M	2580.0	10-28-63	71.2	2508.8	5000						
		3-06-64	71.1	2508.9							
30S/42E-18R01 M	2625.0**	10-28-63	99.3	2525.7	5000						
		3-06-64	99.2	2525.8							
30S/42E-20D01 M	2610.0**	10-28-63	90.5	2519.5	5000						
		3-06-64	90.4	2519.6							
30S/42E-24L01 M	2656.0	10-28-63	147.4	2508.6	5000						
		3-06-64	150.8P	2505.2							

• Questionable measurement

•• Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
MOJAVE HYDRO UNIT											
EL MIRAGE HYDRO SUBUNIT						UPPER MOJAVE HYDRO SUBUNIT					
W-28*40						W-28*80					
05N/07W-09H01 S	3211.1	10-28-63 3-16-64	285.6 285.0	2925.5 2926.1	5000	03N/03W-06E02 S	2940.0**	10-28-63 3-16-64	56.8	2803.2	5000
06N/06W-18P01 S	2895.0	1-16-64 4-17-64	51.6 51.7	2843.4 2843.3	5100	03N/04W-13B02 S	3012.4	1-16-64 4-16-64	89.4 94.3	2913.0 2910.1	5100
06N/07W-12N02 S	2860.0**	10-28-63 3-16-64	19.3 19.3	2840.7 2840.7	5000	03N/04W-20P01 S	3210.0**	4-27-64	22.9	3187.1	5050
06N/07W-26R01 S	3004.5	1-16-64 4-17-64	106.5 106.4	2898.0 2898.1	5100	03N/04W-23G01 S	3130.0**	4-27-64	124.2	3005.8	5050
06N/07W-27N01 S	3020.0	1-16-64 4-17-64	135.7 135.7	2884.3 2884.3	5100	03N/04W-28P01 S	3168.8	1-16-64 4-16-64	15.9 15.8	3152.9 3153.0	5100
07N/07W-27L01 S	2835.0	10-28-63 3-16-64	46.7 46.8	2788.3 2788.2	5000	03N/05W-12G01 S	3462.0**	8-21-63	107.2	3354.8	5050
						03N/05W-12G02 S	3462.0**	8-21-63	DRY		5050
						03N/05W-12K01 S	3475.0**	4-28-64	125.0	3350.0	5050
						03N/05W-13L01 S	3590.0**	8-21-63	52.3	3537.7	5050
						03N/05W-14D01 S	3602.3**	8-21-63	254.7P	3347.6	5050
						03N/05W-20D01 S	3835.0**	4-27-64	143.9	3691.1	5050
						03N/05W-21R01 S	3590.0**	8-21-63	8.2	3581.8	5050
						03N/05W-25M01 S	3295.0**	4-27-64	25.7	3269.3	5050
						03N/05W-27B01 S	3435.0**	8-21-63 4-27-64	48.6 48.5	3386.4 3386.5	5050
						03N/05W-27B03 S	3455.0**	8-21-63	15.0	3440.0	5050
						03N/05W-28A01 S	3520.0**	8-21-63	59.7	3460.3	5050
						04N/03W-01M01 S	3042.8	1-14-64 4-16-64	220.7 221.7	2822.1 2821.1	5100
						04N/03W-06D01 S	2873.5	1-14-64 3-05-64 4-16-64 5-08-64 6-03-64	74.9 76.0 75.8 76.8 78.0	2798.6 2797.5 2797.7 2796.7 2795.5	5100

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

UPPER MOJAVE HYDRO SUBUNIT				MOJAVE HYDRO UNIT				UPPER MOJAVE HYDRO SUBUNIT						
Well Number	Date	G.S. Elev. in Feet	Water Surface Elev. in Feet	Agency Supplying Data	Well Number	Date	G.S. Elev. in Feet	Water Surface Elev. in Feet	Agency Supplying Data	Well Number	Date	G.S. Elev. in Feet	Water Surface Elev. in Feet	Agency Supplying Data
04N/03W-10R01 S	3-16-64	3090.0**	270.8	5000	05N/03W-03D02 S	4-16-64	2921.0	2819.2	5000	05N/03W-03D02 S	4-16-64	110.9	2810.1	5100
04N/03W-18E01 S	10-28-63	2866.6	49.5	5000	04N/04W-08G01 S	10-28-63	3165.0**	2821.1	5000	05N/03W-05R01 S	4-30-64	94.2	2825.8	5050
	3-05-64	53.8	2812.8	5100		3-16-64	48.3	2818.3	5000	05N/03W-12H02 S	4-30-64	139.9	2833.1	5050
	4-16-64	60.4	2806.2	5100	04N/03W-23D01 S	4-29-64	3240.0**	297.1	5050	05N/03W-13O01 S	1-14-64	97.4	2831.6	5100
					04N/04W-08G01 S	10-28-63	343.9	2821.1	5000	05N/03W-13O01 S	4-16-64	97.9	2831.1	
					04N/04W-08G01 S	3-16-64	344.2	2820.8	5000	05N/03W-18F01 S	1-14-64	128.1	2780.7	5100
					04N/05W-01K01 S	4-17-64	350.1	2814.9	5100	05N/03W-18F01 S	3-05-64	128.4	2780.4	
					04N/05W-03G01 S	4-27-64	346.4	2818.6	5050	05N/03W-18F01 S	4-16-64	128.1	2780.7	
					04N/05W-22H01 S	5-08-64	345.5	2819.5	5100	05N/03W-18F01 S	4-16-64	128.1	2780.7	
					04N/07W-35L02 S	6-03-64	345.5	2819.5	5100	05N/03W-18F01 S	5-08-64	131.4	2777.4	
					04N/04W-28E01 S	3-27-64	452.4	2827.6	5050	05N/03W-18F01 S	6-03-64	132.1	2776.7	
					04N/04W-28E01 S	3-27-64	452.4	2827.6	5050	05N/03W-19E01 S	10-28-63	101.6	2773.4	5000
					04N/06W-29F01 S	3-27-64	501.3	2828.7	5050	05N/03W-19E01 S	3-16-64	99.6	2775.4	
					04N/05W-01K01 S	4-28-64	382.8*	2847.2	5050	05N/03W-24N01 S	1-14-64	103.3	2824.4	5100
					04N/05W-03G01 S	4-28-64	430.2	2879.8	5050	05N/03W-24N01 S	4-16-64	104.0	2823.7	
					04N/05W-22H01 S	10-28-63	675.4	2876.5	5000	05N/03W-27F01 S	10-28-63	133.9	2821.1	5000
					04N/07W-35L02 S	3-16-64	676.5	2875.4	5000	05N/03W-27F01 S	3-16-64	133.3	2821.7	
					04N/07W-35L02 S	4-28-64	105.5	4579.5	5050	05N/03W-35N01 S	1-14-64	165.0	2819.0	5100
					05N/02W-08A01 S	4-29-64	238.4	2861.6	5050	05N/03W-35N01 S	4-16-64	169.5	2816.5	
					05N/02W-33M02 S	4-27-64	178.5	2841.5	5050	05N/04W-03F01 S	3-19-64	13.5	2681.5	5050
					05N/02W-33M02 S	4-27-64	178.5	2841.5	5050	05N/04W-03F01 S	10-28-63	9.0	2699.0	5000
					05N/02W-33N01 S	7-20-63	166.0	2864.0	5713	05N/04W-04O03 S	3-16-64	9.1	2698.9	
					05N/02W-33N01 S	9-06-63	166.0	2864.0		05N/04W-08O01 S	3-19-64	134.0	2784.0	5050
					05N/02W-33N01 S	10-11-63	165.9	2864.1		05N/04W-10N02 S	3-18-64	158.5	2641.5	5050
					05N/02W-33N01 S	11-09-63	166.0	2864.0		05N/04W-11P01 S	10-28-63	58.8	2729.5	5000
					05N/02W-33N01 S	12-07-63	166.2	2863.8		05N/04W-11P01 S	3-16-64	61.0	2727.3	
					05N/02W-33N01 S	2-01-64	166.3	2863.7		05N/04W-14P01 S	4-30-64	FLOW		5050
					05N/02W-33N01 S	4-11-64	166.2	2863.8		05N/04W-21E01 S	10-28-63	108.4	2781.6	5000
					05N/02W-33N01 S	6-13-64	166.7	2863.3		05N/04W-21E01 S	3-16-64	109.9	2780.1	5000
					05N/03W-03D02 S	1-14-64	109.5	2811.5	5100					

* Questionable measurement P Pumping measurement A Air gauge measurement

** Approximate ground surface elevation

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
MOJAVE HYDRO UNIT											
UPPER MOJAVE HYDRO SUBUNIT						UPPER MOJAVE HYDRO SUBUNIT					
W-28-B0						W-28-B0					
05N/04W-31B01 S	3075.0**	3-16-64	284.4	2790.6	5000	06N/03W-28R01 S	2968.0**	3-16-64	161.5	2806.5	5000
05N/04W-36N04 S	2824.0**	10-28-63	28.8	2795.2	5000	06N/03W-32K01 S	2930.0**	4-30-64	121.8	2808.2	5050
		3-16-64	29.9	2794.1		06N/04W-06D06 S	2600.0**	4-30-64	80.7	2519.3	5050
05N/05W-03N01 S	2975.0**	4-29-64	165.2	2809.8	5050	06N/04W-06E06 S	2580.0**	10-31-63	44.4	2535.6	5000
05N/05W-04C01 S	2945.0**	10-28-63	129.7	2815.3	5000	06N/04W-18C01 S	2620.0**	4-29-64	33.7	2586.3	5050
		3-16-64	130.7	2814.3		06N/04W-18P02 S	2610.0**	10-31-63	18.0P	2592.0	5000
05N/06W-02C03 S	3005.0**	4-28-64	101.9	2903.1	5050	06N/04W-19G01 S	2620.0**	9-14-63	23.3	2596.7	5713
05N/06W-12N01 S	3100.0**	10-28-63	129.7	2970.3	5000			11-30-63	22.3	2597.7	
		3-16-64	130.7	2969.3		06N/04W-26R01 S	2980.0**	4-30-64	185.5	2794.5	5050
05N/06W-13H01 S	3120.0**	4-29-64	216.1	2903.9	5050	06N/04W-30A01 S	2650.0**	4-29-64	29.1	2620.9	5050
05N/06W-29O01 S	3445.0**	4-28-64	DRY		5050	06N/04W-30N01 S	2720.0**	4-29-64	18.5	2701.5	5050
06N/01W-05J01 S	3230.0	1-15-64	124.4	3105.6	5100	06N/04W-32G04 S	2750.0**	10-31-63	47.3	2702.7	501
		4-17-64	123.7	3106.3				3-09-64	48.5	2701.5	
06N/01W-27B01 S	3040.0**	10-29-63	151.2	2888.8	5000	06N/04W-32N03 S	2758.0**	4-29-64	42.1	2715.9	5050
		3-17-64	151.4	2888.6		06N/05W-08F01 S	2780.0**	10-28-63	78.0	2702.0	5000
06N/01W-35A01 S	2970.0**	10-29-63	173.3	2796.7	5000			3-06-64	78.5	2701.5	
		3-17-64	173.1	2796.9		06N/05W-09B01 S	2780.0**	10-28-63	96.6	2683.4	5000
06N/02W-33F01 S	3200.0**	4-29-64	DRY		5050			1-10-64	97.5	2682.5	5050
06N/03W-08M01 S	3180.0**	4-30-64	183.1*	2996.9	5050	06N/05W-16R02 S	2835.0	10-28-63	99.4	2735.6	5000
06N/03W-09E04 S	3085.0	1-15-64	32.0	3053.0	5100	06N/05W-19C01 S	2820.0**	10-28-63	65.0	2755.0	5000
		4-17-64	33.1	3051.9				3-06-64	66.9	2753.1	
06N/03W-14H01 S	3230.0**	4-29-64	60.1	3169.9	5050	06N/05W-25K01 S	2730.0**	4-29-64	13.0	2717.0	5050
06N/03W-17K01 S	3015.0**	4-29-64	53.2	2961.8	5050	06N/05W-28F01 S	2875.6	1-15-64	124.2	2751.4	5100
06N/03W-21R01 S	3020.0**	4-30-64	177.1	2842.9	5050			(CONT.)			
06N/03W-23E01 S	3170.0**	4-29-64	67.2	3102.8	5050						
06N/03W-28K01 S	2968.0**	10-28-63	164.2	2803.8	5000						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
MOJAVE HYDRO UNIT											
UPPER MOJAVE HYDRO SUBUNIT						W-28*B0					
06N/05W-28F01 S	2875.6	4-17-64	123.0	2752.6	5100	07N/05W-15P01 S	2705.0**	4-29-64	144.9	2560.1	5050
06N/05W-29H01 S	2880.0**	10-28-63 3-10-64	107.9 197.4	2772.1 2772.6	5000	07N/05W-22N02 S	2715.0	10-28-63 3-06-64	89.4 89.3	2625.6 2625.7	5000
06N/05W-30R01 S	2880.0**	10-28-63 3-06-64	107.1 109.3	2772.9 2770.7	5000	07N/05W-32L01 S	2735.0**	4-29-64	145.0	2590.0	5050
06N/06W-14P03 S	2835.0**	10-28-63 3-16-64	46.4 46.2	2788.6 2788.8	5000	07N/05W-34P01 S	2750.0**	4-29-64	94.2	2655.8	5050
06N/06W-21A01 S	2860.0	1-16-64 4-17-64	60.5 63.1P	2799.5 2796.9	5100	08N/04W-31R01 S	2450.0**	10-31-63 3-09-64	26.2 21.8	2423.8 2428.2	5000
06N/06W-28H01 S	2949.3	4-17-64	102.7	2846.6	5100	W-28*B0					
06N/06W-32K01 S	3047.8	10-28-63 3-16-64	156.9 157.0	2890.9 2890.8	5000	UPPER MOJAVE HYDRO SUBUNIT					
07N/03W-27F01 S	3095.0**	4-30-64	139.4	2955.6	5050	MOJAVE HYDRO UNIT					
07N/04W-18D01 S	2475.0**	10-31-63 3-09-64	14.9 9.8	2460.1 2465.2	5000	W-28*B0					
07N/04W-18L01 S	2495.0**	4-29-64	28.2	2466.8	5050	UPPER MOJAVE HYDRO SUBUNIT					
07N/04W-30C01 S	2561.5**	9-14-63 10-31-63	60.4 60.1	2501.1 2502.0	5713 5000	MOJAVE HYDRO UNIT					
		11-30-63	59.9	2501.6	5713	W-28*B0					
		3-05-64	59.2	2502.3	5100	UPPER MOJAVE HYDRO SUBUNIT					
		3-07-64	59.2	2502.3	5713	MOJAVE HYDRO UNIT					
		3-09-64	60.0	2502.1	5000	W-28*B0					
		4-21-64	59.0	2502.5	5100	UPPER MOJAVE HYDRO SUBUNIT					
		5-08-64	59.0	2502.5	5000	MOJAVE HYDRO UNIT					
		6-03-64	59.1	2502.4	5000	W-28*B0					
		6-20-64	59.3	2502.2	5713	UPPER MOJAVE HYDRO SUBUNIT					
07N/05W-07N01 S	2780.0**	10-28-63 3-06-64	159.3 162.9P	2620.7 2619.1	5000	MOJAVE HYDRO UNIT					
		4-29-64	159.2P	2620.8	5050	W-28*B0					
07N/05W-15P01 S	2705.0**	10-28-63 3-06-64	133.8 135.9	2571.2 2569.1	5000	UPPER MOJAVE HYDRO SUBUNIT					

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air-gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G S Elev. in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G S Elev. in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
MOJAVE HYDRO UNIT											
MIDDLE MOJAVE HYDRO SUBUNIT						MIDDLE MOJAVE HYDRO SUBUNIT					
W-28-C0						W-28-C0					
08N/01W-21G01 S	2920.0**	4-27-64	132.8	2787.2	5050	09N/02W-04D02 S	2160.0	4-23-64	47.2	2112.8	5100
08N/01W-29F01 S	2870.0	1-16-64 4-17-64	91.9 103.5*	2778.1 2766.5	5100	09N/02W-10B01 S	2210.0**	4-30-64	98.7	2111.3	5050
08N/01W-32F01 S	2945.0	1-15-64 4-17-64 4-27-64	152.0 152.0 138.3	2793.0 2793.0 2806.7	5100 5050	09N/02W-19R01 S	2320.0**	4-30-64	143.1	2176.9	5050
08N/03W-04L01 S	2315.0**	4-30-64	30.2	2284.8	5050	09N/02W-20B01 S	2293.0	1-20-64 3-05-64 4-22-64 5-08-64 6-03-64	116.6* 116.0 116.8 116.8 116.9	2176.9 2177.0 2176.2 2176.2 2176.1	5100
08N/03W-06N01 S	2330.0**	4-30-64	DRY		5050	09N/02W-34M01 S	2500.0**	4-30-64	153.3	2346.7	5050
08N/04W-10H02 S	2359.0**	4-30-64	35.2	2323.8	5050	09N/03W-10R01 S	2209.2	1-16-64	DRY		5100
08N/04W-12O01 S	2345.0**	10-31-63 3-09-64	33.5 32.0P	2311.5 2313.0	5000	09N/03W-11N01 S	2209.0	1-16-64 4-21-64	53.3 52.8	2155.7 2156.2	5100
08N/04W-15O01 S	2375.0**	3-09-64	DRY		5000	09N/03W-27A02 S	2240.0**	4-30-64	67.3	2172.7	5050
08N/04W-16D01 S	2430.0**	4-30-64	110.9	2319.1	5050	09N/03W-27L02 S	2250.0**	10-31-63	21.2	2228.8	5000
08N/04W-20N01 S	2408.0	1-16-64 4-21-64	28.4 32.0	2379.6 2376.0	5100	09N/03W-28A01 S	2246.0	4-21-64	57.7*	2188.3	5100
08N/04W-21F02 S	2388.0**	3-09-64 10-31-63	10.0 11.0	2378.0 2377.0	5000	09N/03W-33J01 S	2490.0**	4-30-64	250.7	2239.3	5050
08N/04W-22D01 S	2370.0**	4-30-64	33.5	2336.5	5050	09N/03W-31N01 S	2695.4**	4-29-64	231.8	2463.6	5050
08N/04W-23R02 S	2465.0**	4-30-64	140.3	2324.7	5050	10N/02W-19P01 S	2217.0	1-16-64 3-05-64 4-22-64 5-08-64 6-03-64	97.4 96.7 97.3 100.7* 111.3	2119.6 2120.3 2119.3 2116.0 2113.0	5100
08N/04W-30A02 S	2415.0**	1-21-64	35.6	2379.4	5050	10N/02W-32K01 S	2170.0	4-22-64	51.3	2118.7	5100
08N/04W-30E01 S	2480.0	1-16-64 1-22-64 4-21-64	97.7 100.3* 95.5	2382.3 2369.7 2384.5	5100 5050 5100	10N/02W-33D02 S	2180.5**	4-30-64	86.0	2094.5	5050
08N/04W-30M01 S	2465.0**	1-22-64	82.6	2382.4	5050	10N/02W-33J07 S	2165.0**	4-30-64	46.8	2118.2	5050
08N/05W-21C01 S	2620.0**	4-29-64	206.5	2413.5	5050	10N/02W-34N03 S	2150.0**	4-30-64	DRY		5050
08N/06W-15H01 S	2775.0**	10-28-63	150.0	2625.0	5000	10N/02W-36J01 S	2105.0**	1-08-64	31.1	2073.9	5050

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data
MOJAVE HYDRO UNIT											
MIDDLE MOJAVE HYDRO SUBUNIT						W-28.00					
10N/03W-10R01 S	2135.0**	10-30-63 3-08-64	59.6 57.4	2075.4 2077.6	5000	10N/03W-02R01 S	2140.0**	4-29-64	47.7	2092.3	5050
10N/03W-15H02 S	2145.0	1-16-64 4-22-64	65.5 67.8	2079.5 2077.2	5100	10N/03W-10J02 S	2135.0**	4-29-64	56.2	2078.8	5050
10N/03W-22N01 S	2162.0	1-16-64 3-05-64 5-08-64 6-03-64	61.0 62.4* 65.4 65.6	2101.0 2099.6 2098.6 2098.4	5100	10N/03W-23H04 S	2156.0**	11-19-63 1-09-64	65.4 65.3	2090.6 2090.7	5050
10N/03W-27R01 S	2192.0	1-16-64 4-22-64	113.2 112.0	2078.8 2080.0	5100	10N/03W-23R03 S	2160.0**	4-29-64	78.2	2081.8	5050
10N/03W-28C03 S	2170.0	3-05-64 4-22-64 5-08-64 6-03-64	45.1 46.9 45.0 45.1	2124.9 2123.1 2125.0 2124.9	5100	10N/03W-30R01 S	2235.0**	4-30-64	74.2	2260.8	5050
10N/03W-29N01 S	2205.7	1-17-64 4-21-64	55.1 55.2	2150.6 2150.5	5100	10N/03W-35N01 S	2212.0**	4-30-64	102.5	2109.5	5050
10N/03W-35N01 S	2220.0**	10-30-63 3-08-64	100.4 100.8	2119.6 2119.2	5000	10N/04W-10R01 S	2140.0**	10-30-63 3-08-64	169.6 168.1	1970.4 1971.9	5000
10N/03W-35O01 S	2200.0	1-16-64 4-22-64	120.2 120.6	2079.8 2079.4	5100	10N/05W-03J01 S	2270.0**	10-30-63 3-08-64	226.0 226.4	2044.0 2043.6	5000
10N/03W-36J01 S	2184.0	1-16-64 4-22-64	65.3P 72.2P	2118.8 2111.8	5100	10N/06W-05E03 S	2245.0**	4-29-64	246.5	1998.5	5050
10N/03W-36J02 S	2180.0	3-05-64 5-08-64 5-08-64 6-03-64	67.3P 70.0P 71.0P 73.5P	2112.7 2109.0 2109.8 2106.5	5100	10N/06W-05E03 S	2472.0**	10-28-63 3-06-64	201.6 201.9	2270.4 2270.1	5000
HARPER HYDRO SUBAREA						W-28.02					
11N/03W-07D01 S	2067.5**	10-30-63 3-06-64	61.9 62.1	2005.6 2005.4	5000	10N/06W-13H01 S	2500.0**	4-29-64	193.0	2307.0	5050
11N/03W-07P01 S	2069.0	1-17-64	63.9	2005.1	5100	10N/07W-04A01 S	2505.0**	4-29-64	190.1	2314.9	5050
11N/03W-08G01 S	2075.0**	4-28-64	51.3	2023.7	5050	11N/03W-07D01 S	2067.5**	10-30-63 3-06-64	61.9 62.1	2005.6 2005.4	5000
11N/03W-08N01 S	1725.0**	4-28-64	5.1	1719.9	5050	11N/03W-07P01 S	2069.0	1-17-64	63.9	2005.1	5100
11N/03W-21R01 S	2090.0**	4-27-64	59.8	2030.2	5050	11N/03W-08G01 S	2075.0**	4-28-64	51.3	2023.7	5050
11N/03W-28R02 S	2075.0**	10-03-63 2074.0 2075.0** 2075.0** 2074.0	34.4 35.4 34.2 35.7	2040.6 2038.6 2040.8 2038.3	5100	11N/03W-21R01 S	2090.0**	4-27-64	59.8	2030.2	5050

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
MOJAVE HYDRO UNIT											
W-28+00						W-28+00					
HARPER HYDRO SUBUNIT											
HARPER HYDRO SUBAREA											
11N/03W-30A01 S	2030.8	10-30-63 3-08-64	1+4	2029+4 2030+8	5000	11N/05W-02B01 S	2105.0**	4-29-64	109.7	1995+3	5050
11N/03W-30A02 S	2033.0	10-30-63 3-08-64	0+4 0+6	2032+6 2032+4	5000	11N/05W-13H01 S	2035.0	1-17-64 4-21-64	74+0 75+2	1961+0 1959+8	5100
11N/03W-30J01 S	2033.0	1-17-64 4-21-64	0+7 0+6	2032+3 2032+4	5100	11N/05W-24A01 S	2053+5	1-17-64 4-21-64	76+1 81+0	1977+4 1972+5	5100
11N/03W-30J02 S	2030.8	1-17-64 4-21-64	1+7 1+4	2029+1 2029+4	5100	11N/07W-13K01 S	2565.0**	4-29-64	272+0	2293+0	5050
11N/03W-32R01 S	2065.0	1-17-64 4-21-64	16+3 16+8	2048+7 2048+2	5100						
11N/03W-35F01 S	1778.0**	4-28-64	67+4	1710+6	5050						
11N/04W-04R01 S	2040.0	10-30-63 2-08-64 4-30-64	37+2 38+2 62+5	2002+8 2001+8 1977+5	5050						
11N/04W-06M01 S	2060.0**	10-30-63 3-08-64	55+8 54+8	2004+2 2005+2	5000						
11N/04W-19H01 S	2039+1	1-17-64 1-17-64 4-21-64	88+8 88+8 93+4	1950+3 1950+3 1945+7	5100						
11N/04W-19L01 S	2060.0**	10-30-63 3-08-64	121+1 120+7	1938+9 1939+3	5000						
11N/04W-28N02 S	2045.0	1-17-64 4-21-64	84+5 88+5	1960+5 1956+5	5100						
11N/04W-29K01 S	2050.0**	10-30-63 3-08-64	95+7 91+0	1954+3 1959+0	5000						
11N/04W-30P01 S	2100.0**	10-30-63 3-08-64 4-29-64	142+0 141+1 144+5	1958+0 1958+9 2005+5	5050						
11N/04W-31N01 S	2075.0	1-17-64 4-21-64	126+0 127+2	1949+0 1947+8	5100						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

LOWER MOJAVE HYDRO SUBUNIT				MOJAVE HYDRO UNIT				LOWER MOJAVE HYDRO SUBUNIT				MOJAVE HYDRO UNIT							
State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data		
09N/O1E-U5G02 S	1980.0**	4-28-64	98.7	1881.3	5050	09N/O1E-18M02 S	1995.1	9-14-63	64.5	1930.6	5713	09N/O1E-21C01 S	1991.8	1-20-64	DRY	DRY	5100		
09N/O1E-12D01 S	1928.0**	9-14-63	69.6	1858.4	5713	09N/O2E-01F01 S	1851.0**	9-14-63	58.2	1792.4	5713			4-22-64	DRY	DRY			
		11-30-63	69.4	1858.6				11-30-63	58.5	1792.5									
		3-07-64	69.0	1859.0				3-07-64	58.8	1792.2									
		6-20-64	70.1	1857.9				6-20-64	59.2	1791.8									
09N/O1E-13E01 S	1948.7	9-14-63	88.4	1860.3	5713	09N/O2E-01H01 S	1858.0**	9-14-63	66.4	1791.6	5713								
		11-30-63	87.7	1861.0				11-30-63	66.6	1791.4									
		1-20-64	90.1	1859.6	5100			3-07-64	66.0	1791.4									
		3-07-64	87.7	1861.0	5713			6-20-64	66.6	1789.4									
		4-22-64	91.1	1857.6	5100	09N/O2E-01M01 S	1863.0**	9-14-63	70.4	1792.5									
		6-20-64	89.2	1859.5	5713			11-30-63	70.5	1792.1									
09N/O1E-13E02 S	1949.6	9-14-63	88.9	1860.7	5713	09N/O2E-01R01 S	1847.0**	9-14-63	58.2	1788.8	5713								
		10-30-63	90.8	1858.6	5000			11-30-63	58.3	1788.7									
		11-30-63	88.5	1861.1	5713			3-07-64	58.6	1788.4									
		3-05-64	91.1	1859.5	5713			6-20-64	59.1	1787.9									
		3-07-64	89.6	1858.4	5000														
		4-22-64	91.4	1857.2	5100														
		5-08-64	91.9	1857.7	5100														
		6-20-64	92.2	1857.4															
		6-20-64	89.7	1859.9	5713														
09N/O1E-14K01 S	1942.0**	9-14-63	99.7P	1842.3	5713														
		11-30-63	93.6	1848.4															
		3-07-64	93.9	1848.1															
		6-20-64	105.0P	1837.0															
09N/O1E-14M01 S	1962.1	9-14-63	116.6P	1845.5	5713														
		3-07-64	119.6P	1842.5															
		6-20-64	117.6	1844.5															
09N/O1E-15M01 S	1965.0**	9-14-63	107.9	1857.1	5713														
		11-30-63	103.6	1861.4															
		3-07-64	103.5	1861.5															
		6-20-64	108.6	1856.4															
09N/O1E-15O01 S	1969.0	9-14-63	129.2P	1839.8	5713														
		11-30-63	125.8P	1843.2															
		3-07-64	125.8P	1843.2															
		6-20-64	129.9P	1839.1															

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

(CONT.)

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
MOJAVE HYURO UNIT											
LOWER MOJAVE HYURO SUBUNIT						W-28*E0					
09N/02E-12N01 S	1871+6	1-30-63	22+3	1869+3	5713	09N/03E-12G01 S	1798+6	10-30-63	38+3	1760+3	5000
		3-07-64	22+8	1848+8				1-20-64	33+9	1764+7	5100
		6-20-64	23+6	1848+0				3-03-64	36+0	1762+6	5000
09N/02E-12R01 S	1858+0**	9-14-63	66+6	1791+4	5713			4-29-64	DRY	1759+2	5100
		11-30-63	66+5	1791+5				5-08-64	DRY		
		3-07-64	66+7	1791+3				6-03-64	DRY		
		6-20-64	67+3	1790+7				1-20-64	50+3	1778+7	5100
09N/02E-13R01 S	1860+0**	11-30-63	18+7	1841+3	5713	09N/03E-15M01 S	1829+0	4-23-64	50+8	1778+2	
09N/02E-14N02 S	1886+0	3-05-64	37+6	1848+4	5100	10N/01E-29D01 S	2045+0**	4-28-64	DRY		5050
		4-22-64	43+0P	1843+0		10N/02E-26G01 S	1875+5**	4-28-64	81+2	1794+3	5050
		5-08-64	45+8P	1840+2		10N/02E-32P01 S	1905+5	9-14-63	48+9	1856+6	5713
		6-03-64	42+4	1843+6				11-30-63	49+0	1856+5	
09N/02E-20G01 S	1921+5	10-30-63	68+3	1853+2	5000			1-20-64	49+9	1855+6	5100
		1-20-64	68+0	1853+5	5100			3-07-64	49+3	1856+2	5713
		3-08-64	68+1	1853+4	5000			4-23-64	50+0	1855+5	5100
		4-22-64	68+5	1853+0	5100			6-20-64	49+7	1855+8	5713
09N/03E-03D01 S	1822+7	9-14-63	52+5P	1770+2	5713	10N/02E-34C01 S	1880+0**	6-24-64	95+8*	1784+2	5050
		11-30-63	52+5	1770+2		10N/03E-19H01 S	1837+0**	4-28-64	119+2	1717+8	5050
		3-07-64	53+0	1770+7		10N/03E-21A01 S	1820+0	9-14-63	113+8	1705+2	5713
		6-20-64	53+5	1769+2				10-29-63	112+6	1700+0	5000
09N/03E-03D02 S	1818+0**	10-30-63	51+3	1766+7	5000			11-30-63	111+6	1708+4	5713
		3-08-64	51+3	1766+7				1-20-64	109+7	1710+3	5100
09N/03E-07N01 S	1859+2	9-14-63	69+4	1789+8	5713			3-07-64	110+3	1709+7	5713
		11-30-63	69+5	1789+7				3-08-64	109+9	1710+1	5000
		3-07-64	69+0	1790+2				4-23-64	112+3	1707+7	5100
		6-20-64	70+1	1789+1				6-20-64	114+4	1705+6	5713
09N/03E-08K01 S	1838+0**	9-14-63	57+5	1780+5	5713	10N/03E-23B01 S	1792+0**	6-24-64	71+2	1720+8	5050
		11-30-63	57+4	1780+6		10N/03E-27A01 S	1800+0**	6-24-64	61+0	1739+0	5050
		3-07-64	57+1	1780+9		10N/03E-28P04 S	1820+0**	6-24-64	47+9	1772+1	5050
		6-20-64	58+6	1779+4		10N/03E-30J01 S	1830+0**	4-30-64	48+4	1781+6	5050
09N/03E-10D01 S	1825+9	11-30-63	48+0	1777+9	5713	10N/03E-30M01 S	1845+0**	6-24-64	67+4	1777+6	5050
		3-07-64	47+6	1778+3							
		6-20-64	49+2	1776+7							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
MOJAVE HYDRO UNIT											
LOWER MOJAVE HYDRO SUBUNIT						TROY HYDRO SUBUNIT					
W-28*E0						W-28*F0					
KANE WASH HYDRO SUBAREA						KANE WASH HYDRO SUBAREA					
09N/01W-05D01 S	2115.0**	3-09-64 4-27-64	39.1 40.2	2075.9 2074.8	5000 5050	07N/02E-10D01 S	3750.0**	5-01-64	87.9	3662.1	5050
09N/01W-10D02 S	2049.0	1-17-64	24.8	2024.2	5100	07N/02E-16G01 S	3920.0**	5-01-64	21.2	3898.8	5050
09N/01W-10M02 S	2097.4	1-17-64 4-22-64	82.5 83.1	2014.9 2014.3	5100	TROY HYDRO SUBAREA					
09N/01E-13E02 S	1949.6	10-30-63	90.8	1858.8	5713	07N/03E-28E01 S	4300.0**	5-01-64	220.3	4079.7	5050
09N/01W-13H02 S	1996.2	11-30-63	47.4	1948.8	5713	08N/03E-02H01 S	1803.0**	9-14-63 11-30-63 3-07-64 6-20-64	29.4 29.2 30.2 29.7	1773.6 1773.8 1773.0 1773.3	5713
10N/01W-30P01 S	2190.0**	4-30-64	117.0	2073.0	5050	08N/03E-04B03 S	1819.0	1-20-64 4-23-64	8.0 10.6P	1811.0 1808.4	5100
10N/01W-31C01 S	2130.2	1-17-64 4-22-64	56.2 57.0	2074.0 2073.2	5100	08N/04E-06J01 S	1788.0**	9-14-63 11-30-63 3-07-64 6-20-64	10.3 10.1 10.0 10.5	1777.7 1777.9 1778.0 1777.5	5713
10N/01W-32A03 S	2120.0**	4-27-64	38.6	2081.4	5050	08N/04E-07E01 S	1803.0**	10-30-63 3-08-64	36.7P 26.5	1766.3 1776.5	5000
						08N/04E-12L01 S	1810.8	10-30-63 3-08-64	31.7 31.7	1779.1 1779.1	5000
						08N/04E-12M01 S	1802.0**	5-17-64	31.1	1770.9	5050
						08N/05E-01P01 S	2027.0**	5-01-64	337.5	1689.5	5050
						08N/05E-10M01 S	1875.0**	5-01-64	260.0	1615.0	5050
						09N/02E-22N01 S	1898.0**	9-14-63 11-30-63 3-07-64	52.8 52.5 55.6	1845.2 1843.5 1842.4	5713
						09N/02E-25M01 S	1885.0**	9-14-63 11-30-63 3-07-64 6-20-64	82.4 82.8 84.0 84.4	1802.6 1802.2 1801.0 1800.6	5713

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elevation, in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elevation, in Feet	Agency Supplying Data
MOJAVE HYDRO UNIT											
TROY HYDRO SUBUNIT TROY HYDRO SUBAREA						CAVES HYDRO SUBAREA					
W-28*F0						W-28*G0					
09N/03E-19E01 S	1844*6	1-20-64	16*5	1828*1	5100	10N/04E-04E01 S	1740*0	1-20-64	90*7	1649*3	5100
		4-23-64	17*0	1827*6				4-23-64	90*5	1649*5	
09N/03E-19P01 S	1856*8**	10-30-63	12*9	1843*9	5000			5-01-64	91*4	1648*6	5050
		3-08-64	13*0	1843*8							
09N/03E-29A01 S	1846*0**	10-30-63	66*9	1779*1	5000	10N/04E-07P01 S	1775*0**	4-30-64	57*6	1717*4	5050
		3-08-64	67*3	1778*7							
09N/03E-29G02 S	1850*0	1-20-64	10*2	1839*8	5100	10N/04E-20L01 S	1680*2**	4-30-64	2*0	1678*2	5050
		4-23-64	10*9	1839*1		11N/05E-16J01 S	1640*0**	10-29-63	184*3	1455*7	5000
								3-07-64	183*8	1456*2	
09N/03E-32F02 S	1875*0**	9-14-63	25*5	1869*5	5713	GRONESE HYDRO SUBAREA					
		11-30-63	25*7	1869*3		12N/07E-18R02 S	1075*0**	3-07-64	57*8	1017*2	5000
		3-07-64	25*4	1869*0							
		6-20-64	25*6	1849*4		12N/07E-18R01 S	1075*0**	3-07-64	20*0	1055*0	5000
09N/03E-34D02 S	1830*0**	9-14-63	39*2	1790*8	5713	12N/07E-18R02 S	1075*0**	3-07-64	17*2	1057*8	5000
		11-30-63	38*6	1791*4							
		3-07-64	38*7	1791*3		12N/07E-30J01 S	1100*0**	10-29-63	50*1	1049*9	5000
		6-20-64	39*6	1790*4				3-07-64	49*7	1050*3	
09N/03E-34D03 S	1828*8	1-20-64	42*7	1786*1	5100						
		4-23-64	42*4	1786*4							
09N/03E-34N01 S	1820*2**	9-14-63	26*0	1794*2	5713						
		11-30-63	27*3	1792*9							
		3-07-64	26*0	1794*2							
		6-20-64	27*3	1792*9							
09N/04E-06L01 S	1795*0**	4-30-64	38*9	1756*1	5050						
09N/04E-07M02 S	1805*0	4-23-64	36*8	1768*2	5100						
		5-08-64	35*9	1769*1							
		6-03-64	36*7	1768*3							
09N/04E-31K01 S	1788*9	10-30-63	16*6	1772*3	5000						
		3-08-64	16*6	1772*3							
09N/05E-32E01 S	1852*0**	5-01-64	128*8	1723*2	5050						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-1
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. Station Surface in Feet	Water Station Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. Station Surface in Feet	Water Station Elev. in Feet	Agency Supplying Data
MOJAVE HYDRO UNIT											
BAKER HYDRO SUBUNIT											
SILVER LAKE HYUNO SUBAREA											
W-28+H0											
15N/08E-22R01 S	930.0**	10-29-63	56.1	873.9	5000						
		3-07-64	56.0	874.0							
SODA LAKE HYUNO SUBAREA											
W-28+H2											
12N/08E-27X02 S	990.0**	10-29-63	20.1	969.9	5000						
		3-07-64	19.8	970.2							
13N/08E-01H01 S	930.0**	10-29-63	24.2	905.8	5000						
		3-07-64	24.1	905.9							
13N/09E-20J01 S	980.0**	10-29-63	65.5	914.5	5000						
		3-07-64	65.5	914.5							
14N/09E-30K01 S	993.0**	10-29-63	75.9	914.1	5000						
		3-07-64	75.6	914.4							

* Quaternary measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G.S.Elev. in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G.S.Elev. in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
LUCERNE HYDRO UNIT											
X-01.00											
04N/01E-02L01 S	2927.0**	9-06-63	87.0	2840.0	5713	04N/01E-05H01 S	2905.0**	10-12-63	114.9	2790.1	5713
		10-12-63	86.7	2840.3				10-29-63	110.9	2794.1	5000
		11-09-63	86.7	2840.3				11-09-63	113.8	2791.2	5713
		12-07-63	86.7	2840.3				12-07-63	113.0	2792.0	
		2-01-64	86.9	2840.1				2-01-64	111.7	2793.3	
		4-11-64	87.0	2840.0				3-17-64	111.5	2793.5	5000
		6-13-64	87.1	2839.9				4-11-64	111.1	2793.9	5713
								6-13-64	112.6	2792.4	
04N/01E-02M01 S	2922.0**	7-20-63	90.1	2831.9	5713	04N/01E-05H02 S	2905.0**	8-10-63	113.2	2791.8	5713
		8-10-63	90.1	2831.8				9-06-63	114.0	2791.0	
		9-06-63	90.2	2831.8				10-12-63	113.7	2791.3	
		10-12-63	90.4	2831.6				11-09-63	113.2	2791.8	
		11-09-63	90.4	2831.6				12-07-63	112.5	2792.5	
		12-07-63	90.5	2831.5				2-01-64	110.8	2794.2	
		2-01-64	90.5	2831.5				4-11-64	110.1	2794.9	
		4-11-64	90.8	2831.2				6-13-64	112.3	2792.7	
		6-13-64	91.1	2830.9							
04N/01E-03F01 S	2911.0**	7-20-63	87.2	2823.8	5713	04N/01E-06L01 S	2885.0**	10-29-63	115.8P	2769.2	5000
		8-10-63	87.3	2823.7				3-17-64	97.8	2787.2	
		9-06-63	87.5	2823.5							
		10-12-63	87.7	2823.3				1-14-64	95.5	2799.5	5100
		11-09-63	87.6	2823.2				4-16-64	96.3	2798.5	
		12-07-63	88.1	2822.9							
		2-01-64	88.2	2822.6				8-10-63	93.6	2816.4	5713
		4-11-64	88.4	2822.4				10-12-63	93.7	2816.7	
		6-13-64	88.7	2822.3				11-09-63	94.0	2816.0	
04N/01E-03L01 S	2917.0**	7-20-63	94.2	2822.8	5713	04N/01E-07F01 S	2910.0**	12-07-63	94.1	2815.9	
		8-10-63	94.2	2822.6				2-01-64	94.1	2815.9	
		9-06-63	94.6	2822.4				4-11-64	94.7	2815.3	
		10-12-63	94.6	2822.4				6-13-64	95.5	2814.5	
		11-09-63	94.8	2822.2							
		12-07-63	94.8	2822.2				7-20-63	118.6	2831.4	5713
		2-01-64	95.0	2822.0				8-10-63	118.6	2831.4	
		4-11-64	95.2	2821.8				9-06-63	118.8	2831.2	
		6-13-64	95.5	2821.5				10-12-63	118.8	2831.2	
04N/01E-03P01 S	2932.0**	12-07-63	127.6*	2804.4	5713	04N/01E-07P02 S	2950.0**				
04N/01E-03Q01 S	2930.0**	12-07-63	109.3	2820.7	5713	04N/01E-07R01 S	2945.0	10-29-63	101.9	2843.1	5000
04N/01E-05H01 S	2905.0**	8-10-63	113.8	2791.2	5713			(CONT.)			
		9-06-63	114.7	2790.3							
		(CONT.)									

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
04N/01E-01K01 S	2942.0	(CONT.) 3-17-64	103.2	2841.8	5000	04N/01E-11D02 S	2940.0**	4-11-64	102.4	2837.6	5713
04N/01E-01K02 S	2940.0**	8-10-63	101.2	2838.8	5713	04N/01E-11D02 S	2970.0**	7-27-63	121.7	2848.3	5713
		9-06-63	101.3	2838.7				8-10-63	121.5	2848.5	
		10-12-63	101.5	2838.4				9-06-63	121.8	2848.2	
		11-09-63	101.6	2838.4				10-12-63	122.1	2847.9	
		12-07-63	101.7	2838.3				11-09-63	121.7	2848.3	
		2-01-64	101.6	2838.4				12-07-63	122.0	2848.0	
		4-11-64	101.7	2838.3				2-01-64	121.8	2848.2	
		6-13-64	101.9	2838.1				4-11-64	122.0	2848.0	
04N/01E-10F02 S	2960.0**	1-14-64	137.5	2822.5	5100	04N/01E-12D02 S	2994.0**	11-09-63	112.0	2882.0	5713
		4-16-64	138.8	2821.2		04N/01E-12P01 S	2971.0	1-14-64	125.4	2845.6	5100
04N/01E-10G02 S	2960.0**	7-20-63	137.7	2822.3	5713			4-16-64	125.5	2845.5	
		8-10-63	138.1	2821.9		04N/01E-13M01 S	3020.0**	10-29-63	172.0	2848.0	5000
		9-06-63	139.2*	2820.8				3-17-64	172.1	2847.9	
		10-12-63	138.0*	2822.0	5000	04N/01E-17K01 S	2990.0**	10-29-63	133.9	2856.1	5000
		10-29-63	135.6	2824.2				3-17-64	134.1	2855.9	
		12-07-63	137.7	2822.3	5713	04N/01E-20A01 S	3035.0**	8-10-63	130.3	2908.7	5713
		3-01-64	137.7	2822.3				9-06-63	133.4	2908.6	
		3-17-64	135.9	2822.3	5000			10-29-63	130.6	2908.4	
		4-11-64	139.0*	2821.0	5713			11-09-63	130.6	2908.4	
		6-13-64	139.5	2820.5				12-07-63	130.7	2908.3	
04N/01E-10U01 S	2988.0**	7-20-63	163.7	2824.3	5713			4-01-64	130.2	2904.8	
		8-10-63	164.0	2824.0				4-11-64	130.3	2904.7	
		9-06-63	163.8	2824.2				6-13-64	130.2	2904.8	
		10-12-63	163.9	2824.1		04N/01E-21C01 S	3060.0**	4-29-64	130.4	2859.8	5050
		11-09-63	163.5	2824.5				8-22-63	126.4	2940.6	5050
		12-07-63	163.8	2824.2		04N/01E-23O01 S	3205.0**	8-22-63	126.4	2940.6	5050
		2-01-64	163.2	2824.8				8-22-63	126.4	2940.6	5050
		4-11-64	164.2	2823.8		04N/01E-24O01 S	3075.0**	8-22-63	126.4	2940.6	5050
		6-13-64	164.6	2823.4				8-22-63	126.4	2940.6	5050
04N/01E-11D02 S	2940.0**	7-20-63	100.9	2839.1	5713	04N/01E-24U02 S	3070.0**	8-22-63	126.4	2940.6	5050
		8-10-63	101.0	2839.0				8-22-63	126.4	2940.6	5050
		9-06-63	101.0	2839.0		04N/01E-35M01 S	3500.0**	4-29-64	200.0	3300.0	5050
		10-12-63	101.3	2838.7				4-29-64	200.0	3300.0	5050
		11-09-63	101.7	2838.3		04N/02E-10M01 S	3130.0**	4-29-64	200.0	3300.0	5050
		12-07-63	101.7	2838.3				4-29-64	200.0	3300.0	5050
		(CONT.)	102.0	2838.3				4-29-64	200.0	3300.0	5050

X-01.00

LUCERNE HYDRO UNIT

* G. S. elevation measurement

** G. S. elevation measurement

P. Pumping measurement

A. Air gage measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
05N/01E-08C01 S	2935.0**	4-28-64	DRY		5050	05N/01E-21R01 S	2905.0**	8-10-63	94.8	2810.2	5713
05N/01E-10H02 S	3032.0**	10-29-63	208.1	2823.9	5000			9-06-63	94.7	2810.3	
		3-17-64	205.5	2826.5				10-12-63	95.6	2809.4	
		4-28-64	208.3	2823.7	5050			11-09-63	94.9	2810.1	
05N/01E-14C01 S	3038.0**	4-28-64	198.0	2840.0	5050			12-07-63	95.1	2809.9	
								2-01-64	95.3	2809.7	
05N/01E-16C01 S	2932.0**	7-20-63	107.4	2824.6	5713	05N/01E-26B01 S	2975.0**	4-28-64	132.9	2842.1	5050
		8-10-63	107.2	2824.8				7-20-63	89.8	2818.2	5713
		9-06-63	107.5	2824.5				8-10-63	89.7	2818.3	
		10-12-63	107.7	2824.3		05N/01E-27D01 S	2908.0**	9-06-63	89.9	2818.1	
		11-09-63	107.8	2824.2				10-12-63	90.3	2817.7	
		12-07-63	108.0	2824.0				11-09-63	90.3	2817.7	
		2-01-64	108.0	2824.0				12-07-63	90.4	2817.6	
		4-11-64	108.1	2823.9				2-01-64	90.2	2817.8	
		6-13-64	108.5	2823.5				4-11-64	90.7	2817.3	
								6-13-64	90.7	2817.3	
05N/01E-17D01 S	2880.0**	7-20-63	89.0	2791.0	5713	05N/01E-27H01 S	2935.0**	8-10-63	424.9	2510.1	5713
		8-10-63	89.5	2790.5				9-06-63	425.1	2509.9	
		9-06-63	89.9	2790.1				10-12-63	425.1	2509.9	
		10-29-63	90.0	2790.0				11-09-63	425.1	2509.9	5000
		11-09-63	86.3	2793.7	5000			12-07-63	425.1	2509.9	5713
		12-07-63	89.9	2790.1				2-01-64	425.3	2509.7	
		2-01-64	89.4	2790.6				2-01-64	425.4	2509.6	
		3-17-64	87.9	2792.1	5000			3-17-64	100.9	2829.1	5000
		4-11-64	89.4	2790.6	5713			4-11-64	425.7	2509.3	5713
		6-13-64	90.6	2789.4				6-13-64	427.7	2507.3	
05N/01E-18J01 S	2860.0**	7-20-63	66.6	2793.4	5713	05N/01E-32C01 S	2869.0**	10-29-63	83.9	2785.1	5000
		8-10-63	66.8	2793.2				3-17-64	83.8	2785.2	
		9-06-63	67.1	2792.9		05N/01E-35F01 S	2960.0**	4-28-64	124.2*	2835.8	5050
		10-12-63	67.1	2792.9				1-15-64	233.0*	2797.0	5100
		11-09-63	66.9	2793.1				4-17-64	DRY		
		12-07-63	66.4	2793.6				8-10-63	101.0	2779.0	5713
		2-01-64	65.8	2794.2				9-06-63	94.2	2785.8	
		4-11-64	65.9	2794.1				10-06-63	94.0	2785.0	
		6-13-64	67.3	2792.7				11-09-63	85.0	2795.0	
								(CONT.)			
05N/01E-20F01 S	2860.0**	10-29-63	68.1	2791.9	5000	04N/01N-02P01 S	2880.0**	8-10-63	101.0	2779.0	5713
		3-17-64	68.2	2791.8				9-06-63	94.2	2785.8	
05N/01E-21R01 S	2905.0**	7-20-63	94.6	2810.4	5713			10-06-63	94.0	2785.0	
		(CONT.)						11-09-63	85.0	2795.0	
								(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elevation in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elevation in Feet	Agency Supplying Data
LUCERNE HYDRO UNIT											
X-01.00											
04N/01W-02P01 S	2880.0**	(CONT.) 12-07-63 2-01-64 4-11-64 6-13-64	78.6 2803.7 84.3 93.7	2801.4 2803.7 2795.7 2786.3	5713	04N/01W-12F01 S	2915.0	10-29-63 3-17-64	135.8 135.6	2779.2 2779.4	5000
04N/01W-03D01 S	2850.0**	10-12-63 11-09-63 12-07-63 2-01-64 4-11-64 6-13-64	12.8 12.6 12.6 12.5 12.4 13.2	2837.2 2837.4 2837.5 2837.6 2836.8	5713	04N/01W-14A02 S	2965.0**	7-20-63 8-10-63 9-05-63 10-16-63 12-07-63 2-01-64	77.3 77.4 78.6 78.6 77.8 77.4	2887.7 2887.6 2886.9 2886.9 2887.2 2887.6	5713
04N/01W-08N01 S	2940.0**	7-20-63 8-10-63 9-06-63 10-12-63 11-09-63 12-07-63 2-01-64 4-11-64 6-13-64	14.2 14.2 14.2 14.2 14.1 14.2 14.0 14.0 14.2	2825.8 2825.8 2825.8 2825.9 2825.8 2826.0 2826.0 2825.8	5713	04N/01W-14B01 S	2945.0**	10-29-63 3-17-64	1.5 0.4	2943.5 2944.6	5000
04N/01W-10A01 S	2907.0**	8-10-63 9-06-63 10-12-63 11-09-63 12-07-63 2-01-64 4-11-64 6-13-64	6.6 6.7 6.4 6.3 6.1 5.8 6.0	2900.4 2900.3 2900.6 2900.7 2900.9 2901.2 2901.2	5713	04N/01W-14B02 S	2940.0**	7-20-63 8-10-63 9-06-63 10-12-63 11-09-63 12-07-63 2-01-64 4-11-64 6-13-64	13.9 14.0 14.5 14.5 13.9 13.4 13.2 13.1 13.6	2926.1 2926.0 2925.5 2926.0 2926.1 2926.6 2926.8 2926.9 2926.4	5713
04N/01W-10A02 S	2950.0**	10-12-63 11-09-63 12-07-63 2-01-64 4-11-64 6-13-64	9.6 10.0 9.7 9.4 9.9 9.9	2940.4 2940.0 2940.3 2940.6 2940.1	5713	04N/01W-14H02 S	2965.0**	7-27-63 8-10-63 9-06-63 10-12-63 11-09-63 12-07-63 2-01-64 4-11-64 6-13-64	83.0 83.1 83.1 83.1 83.2 83.2 83.2 83.2 83.3	2882.0 2881.9 2881.9 2881.7 2881.6 2880.1 2881.8 2881.7	5000
04N/01W-11O01 S	2933.3**	10-29-63 3-17-64	65.8P 61.8	2867.5 2871.5	5000	04N/01W-14P01 S	3025.0**	10-29-63 3-17-64	34.6* 30.7	2990.4 2994.3	5000

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

(CONT.)

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G.S.Elev. In Feet	Date	Dist. G.S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G.S.Elev. In Feet	Date	Dist. G.S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data
04N/01W-15E02 S	3005.0**	(CONT.) 9-06-63 10-12-63 11-09-63 12-07-63 2-01-64 4-11-64 6-13-64	58.4 58.5 58.4 58.3 58.1 57.9 58.3	2946.6 2946.5 2946.6 2946.9 2947.1 2946.7	5713	05N/01W-25H01 S	2851.0**	7-20-63 8-10-63 10-12-63 11-09-63 12-07-63 2-01-64 4-11-64 6-13-64	76.1* 73.9* 74.3 71.7* 64.8* 64.3* 65.9* 70.9	2774.9 2777.1 2776.7 2779.3 2786.2 2785.1 2785.1 2780.1	5713
04N/01W-20001 S	3190.0**	4-27-64	249.6	2940.4	5050	05N/01W-29M01 S	3045.0**	4-28-64	199.7	2845.3	5050
04N/01W-21E02 S	3090.0**	10-29-63 3-17-64	144.2 144.3	2945.8 2945.7	5000	05N/01W-29R01 S	2910.0**	7-17-63	56.0	2854.0	5050
04N/01W-26C01 S	3305.0**	4-27-64	226.4	3078.6	5050	05N/01W-29R02 S	2910.0**	7-17-63	43.5	2866.5	5050
04N/02W-10D01 S	3073.2	10-28-63 3-16-64	205.1 205.2	2868.1 2868.0	5000	05N/01W-34001 S	2851.0**	4-28-64	6.4	2844.6	5050
04N/02W-20D01 S	3340.0**	4-27-64	424.8	2915.2	5050	05N/01W-35001 S	2855.0**	10-29-63 3-17-64	45.5 46.6	2809.5 2808.4	5000
05N/01W-01C01 S	2919.0	1-15-64 4-17-64	132.4* 136.0*	2786.6 2783.0	5100	05N/01W-36R01 S	2863.0**	4-29-64	88.5	2774.5	5050
05N/01W-01L01 S	2906.0	1-14-64 4-16-64	115.5 125.0	2790.5 2781.0	5100	06N/01W-22P01 S	3060.0	1-15-64	160.7	2899.3	5100
05N/01W-01R03 S	2890.0**	10-29-63 3-17-64	101.0 100.2	2789.0 2789.8	5000	06N/01W-36K01 S	2933.0	1-15-64 4-17-64	142.4 146.1*	2790.6 2786.9	5100
05N/01W-22M01 S	2850.0**	10-29-63 3-17-64 4-28-64	67.3 76.0 6.7	2782.7 2774.0 2845.3	5000	06N/01W-36K02 S	2940.0	1-15-64 4-17-64	167.0P 170.2P	2773.0 2769.8	5100
05N/01W-25G01 S	2850.0**	7-20-63 8-10-63 10-12-63 10-29-63 11-09-63 12-07-63 3-17-64 4-11-64 6-13-64	72.2 71.1 67.8 63.0 65.0 61.7 63.4 63.1 68.3	2777.8 2778.9 2782.2 2782.0 2785.0 2785.3 2786.6 2786.9 2781.7	5713						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. To Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. To Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
JOHNSON HYDRO UNIT											
04N/03E-24001 S	2833.0**	10-29-63 3-17-64	55.4 55.3	2777.6 2777.7	5000						
04N/04E-19C01 S	2775.0**	10-29-63 3-17-64	49.9P 50.0P	2725.1 2725.0	5000						

X-02.00

• Questionable measurement

•• Approximate ground surface elevation

P Pumping measurement

A Air-gage measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
EMERSON HYDRO UNIT											
											X-05+00
01N/05E-02N01 S	3540.0**	10-29-63 3-17-64	75.8 77.3	3464.2 3462.7	5000						
02N/05E-01H02 S	2985.0**	3-17-64 10-29-63	67.5 67.4	2917.5 2917.6	5000						
02N/05E-25J01 S	3375.0**	10-29-63 3-17-64	371.4 361.3	3003.6 3013.7	5000						

♦ Questionable measurement

♦♦ Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
JOSHUA TREE HYDRO UNIT											
WARREN HYDRO SUBUNIT						X-08-A-D					
01S/05E-02B01 S	3240.0**	10-29-63 3-17-64	184.0 184.7	3056.0 3055.3	5000	01N/06E-04G01 S	3186.0	1-22-64 4-29-64	443.5 443.5	2742.5 2742.5	5100
01S/05E-02C02 S	3314.0	1-22-64 4-29-64	220.0 222.1*	3094.0 3091.7	5100	01N/06E-09Q01 S	3220.0	1-22-64 4-29-64	401.4 401.8	2818.6 2818.2	5100
01N/05E-35N01 S	3297.0	1-22-64 4-29-64	207.5 208.3	3089.5 3088.7	5100	01N/06E-13R01 S	2651.0	1-22-64 4-29-64	449.0 444.9	2206.0 2206.1	5100
01N/05E-36K01 S	3230.0**	10-29-63 3-17-64	150.2 151.4	3079.8 3078.6	5000	01N/07E-14N01 S	2359.0	1-22-64 4-29-64	183.8 184.9	2175.2 2174.1	5100
01N/06E-28L01 S	2971.2	1-22-64 4-29-64	211.6 207.5	2759.6 2763.7	5100	01N/07E-21J01 S	2440.0	1-22-64 4-29-64	262.4 260.9	2177.6 2179.1	5100
01N/06E-29R02 S	3150.0**	10-29-63 3-17-64	261.2 260.9	2888.8 2889.1	5000	01N/07E-26D01 S	2385.0	10-29-63 3-17-64	211.6 211.7	2173.4 2173.3	5000
01N/06E-31P01 S	3283.0	1-22-64 4-29-64	297.5 298.3*	2982.5 2981.7	5100	01N/07E-26N01 S	2475.0**	10-29-63 3-17-64	170.4 170.6	2304.6 2304.4	5000
COPPER MOUNTAIN HYDRO SUBUNIT											
X-08-U-D						X-08-U-D					
01S/07E-27K01 S	3770.0**	10-30-63 3-18-64	117.0 113.9	3653.0 3656.1	5000	02S/08E-07K01 S	4100.0**	10-30-63 3-18-64	221.9 211.5	3878.1 3888.5	5000
02S/08E-21G02 S	4400.0**	10-30-63	35.0	4365.0	5000	01N/07E-30P01 S	2670.0	1-22-64 4-29-64	367.9 367.9	2302.1 2302.1	5100
01N/07E-32C01 S	2620.0	10-29-63 3-17-64	304.0 304.5	2316.0 2315.5	5000	01N/07E-32E01 S	2620.0	10-29-63 3-17-64	304.0 304.5	2316.0 2315.5	5000

* Questionable measurement.

** Approximate ground surface elevation.

P Pumping measurement.

A Air gauge measurement.

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. Water Surface In Feet	Water Surface Elevation In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. Water Surface In Feet	Water Surface Elevation In Feet	Agency Supplying Data
DALE HYDRO UNIT											
TWENTYNINE PALMS HYDRO SUBUNIT X-09-A0						TWENTYNINE PALMS HYDRO SUBUNIT X-09-A0					
01S/09E-03D01 S	2076.4	1-23-64 4-29-64	98.4 98.6	1978.0 1977.8	5100	01N/09E-27M01 S	1900.0**	10-30-63 3-18-64	114.6 115.5	1785.4 1784.5	5000
01N/08E-11L01 S	2180.0**	10-30-63 3-18-64	371.0P 369.7P	1809.0 1810.3	5000	01N/09E-30K01 S	2085.0	10-29-63 3-17-64	112.0 114.5	1973.0 1970.5	5000
01N/08E-12G01 S	1973.5	1-23-64	199.8P	1773.7	5100	01N/09E-31C01 S	2104.0	1-22-64 4-29-64	132.6 132.4	1971.4 1971.6	5100
01N/08E-33A02 S	2520.0	1-22-64 4-29-64	254.8 270.2P	2265.2 2249.8	5100	01N/09E-32R01 S	2045.7	10-30-63 3-18-64	67.4 67.5	1978.3 1978.2	5000
01N/08E-33R01 S	2685.0**	10-29-63 3-17-64	329.0 329.1	2356.0 2355.9	5000	01N/09E-33F03 S	1989.0	1-22-64 4-29-64	15.0 15.2	1974.0 1973.8	5100
01N/08E-36A01 S	2130.0	1-22-64 4-29-64	157.1 96.3	1972.9 2033.7	5100	01N/09E-33J01 S	1962.1	1-22-64 4-29-64	4.0 4.3	1958.1 1957.8	5100
01N/09E-01H01 S	1847.0	4-30-64	70.8	1776.2	5100	01N/09E-34A02 S	1950.0	1-23-64 4-29-64	151.4 151.8	1798.6 1798.2	5100
01N/09E-04N03 S	1786.4	1-23-64 4-30-64	12.5 12.8	1773.9 1773.6	5100	01N/09E-35F01 S	1972.2	1-23-64 4-29-64	107.1 107.7	1865.1 1864.5	5100
01N/09E-06E01 S	1840.4	1-23-64	64.7	1775.7	5100	01N/09E-35N01 S	2079.5	1-23-64 4-29-64	106.7 106.9	1972.8 1972.6	5100
01N/09E-06J01 S	1821.5	4-30-64	47.4	1774.1	5100	02N/09E-19N01 S	1834.0	1-23-64 4-30-64	69.8 69.8	1764.2 1764.2	5100
01N/09E-16G01 S	1800.0	1-23-64 4-30-64	11.1 10.7	1788.9 1789.3	5100						
01N/09E-17E01 S	1874.0	1-23-64 4-30-64	112.5 112.4	1761.5 1761.6	5100						
01N/09E-21E01 S	1839.0	1-23-64 4-30-64	42.0 42.0	1797.0 1797.0	5100						
01N/09E-22C01 S	1814.1	1-23-64 4-29-64	41.4 41.2	1772.7 1772.9	5100						
01N/09E-22E01 S	1827.6	1-23-64 4-29-64	53.8 53.7	1773.8 1773.9	5100						
01N/09E-27C01 S	1868.0	1-23-64 4-29-64	84.8 84.9	1783.2 1783.1	5100						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
DALE HYDRO UNIT											
DALE HYDRO SUBUNIT						X-09.80					
01N/09E-12G01 S	1750.0	1-23-64 4-30-64	208.4 208.3	1541.6 1541.7	5100						
01N/09E-14D01 S	1800.0**	10-30-63 3-17-64	257.8 259.9	1542.2 1540.1	5000						
01N/10E-24M02 S	1520.0	1-23-64 4-30-64	208.7 208.4	1311.3 1311.6	5100						
01N/10E-36P01 S	1560.0**	10-30-63 3-18-64	336.1 336.0	1225.9 1226.0	5000						
01N/11E-14A01 S	1285.0	1-23-64 4-30-64	80.1 80.1	1204.9 1204.9	5100						
01N/11E-21C01 S	1330.0**	10-30-63 3-18-64	125.3 125.2	1204.7 1204.6	5000						
01N/11E-35R01 S	1265.0	1-23-64 4-30-64	65.7 65.3	1199.3 1199.7	5100						
01N/12E-20D01 S	1220.0**	10-30-63 3-18-64	21.5 27.3	1191.5 1192.7	5000						
01N/12E-20D04 S	1200.0**	10-30-63 3-18-64	28.4 27.0	1171.6 1173.0	5000						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
BRISTOL HYDRO UNIT											
BRISTOL HYDRO SUBUNIT						FENNER HYDRO SUBUNIT					
X-10-A0						X-10-B0					
05N/14E-15L01 S	815.0**	5-11-64	213.3	601.7	5050	06N/16E-06K01 S	1350.0**	5-13-64	259.2	1090.8	5050
06N/11E-30F01 S	775.0**	5-11-64	155.0	620.0	5050	12N/15E-03L01 S	5040.0**	5-07-64	25.8	5014.2	5050
						12N/16E-19C01 S	4600.0**	5-07-64	34.4P	4565.6	5050

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
LANFAIR HYDRO SUBUNIT											
X-13-A0											
12N/17E-17J01 S	3900.0**	5-07-64	433.2*	3466.8	5050						
13N/16E-07B01 S	5500.0**	5-07-64	269.6	5230.4	5050						
14N/16E-15Q01 S	4875.0**	5-07-64	27.6	4847.4	5050						
14N/16E-22M01 S	4950.0**	5-07-64	19.0	4931.0	5050						
14N/17E-23L01 S	4400.0**	5-07-64	176.9	4223.1	5050						
PIUTE HYDRO UNIT											
X-13-A00											

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
VIDAL HYDRO SUBUNIT X-15-A0											
COLUKADO HYDRO UNIT X-15-B0											
01S/23E-01A02 S	630.0**	10-30-63 3-18-64	249.0 246.5	381.0 383.5	5000						
01N/23E-08D01 S	965.0**	10-30-63 3-18-64	267.6 267.7	697.4 697.3	5000						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air-gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
RICE HYDRO UNIT											
X-16-00											
01S/21E-32B01 S	740.0**	10-30-63	152.7	587.3	5000						
		3-18-64	152.7	587.3							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface in Feet	Agency Supplying Data
CHUCKWALLA HYDRO UNIT											
FORD HYDRO SUBUNIT						X-17•A0					
075/20E-U4R01 S	418.0**	10-31-63 3-19-64	150.9 150.8	267.1 267.2	5000	04S/16E-29R01 S	545.0**	10-31-63 3-19-64	80.0 80.0	465.0 465.0	5000
PALEN HYDRO SUBUNIT						X-17•B0					
04S/16E-32D01 S	555.0**	5-15-64	79.1	475.9	5050	04S/17E-06C01 S	500.0**	10-31-63 3-19-64	22.3 22.4	477.7 477.6	5000
05S/16E-07M02 S	611.0**	3-19-64 5-15-64	124.3 127.5	486.7 483.5	5000	05S/16E-08K01 S	555.0**	7-01-63 8-01-63 9-01-63 10-01-63 11-01-63 12-01-63	81.3 81.2 81.1 81.1 81.1 81.0	473.7 473.8 473.9 473.9 473.9 474.0	5050
05S/16E-22N01 S	653.0**	10-31-63 3-19-64	188.7 188.7	464.3 464.3	5000						
X-17•C0											
05S/16E-22N01 S	653.0**	10-31-63 3-19-64	188.7 188.7	464.3 464.3	5000						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
PINTO HYDRO SUBUNIT											
CHUCKWALLA HYDRO UNIT											
X-17-CU											
02S/12E-36F01 S	1400.0**	10-31-63 3-19-64	408.3 407.5	991.7 992.5	5000						
03S/15E-04J01 S	1080.6	10-31-63 3-19-64	159.3 159.5	921.3 921.1	5000						
04S/11E-27001 S	2970.0**	10-31-63	179.4	2790.6	5000						
X-17-00											

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface In Feet	Water Surface Elev., In Feet	Agency Supplying Data
WHILEWATER HYDRO UNIT											
MORONGO HYDRO SUBUNIT						SAN GORGONIO HYDRO SUBUNIT I					
X-19-AU						X-19-00					
BEAUMONT HYDRO SUBAREA						X-19-C1					
01S/04E-12001 S	2740.0**	10-29-63	161.1	2578.9	5000	03S/01W-12A01 S	2552.9	8-01-63	320.2	2232.7	5713
		3-17-64	161.3	2578.7				12-06-63	319.9	2235.0	
01S/04E-14N01 S	2750.0	4-29-64	187.4	2562.6	5100			2-06-64	322.1	2230.6	
01S/04E-15N01 S	2930.0	1-22-64	214.0*	2716.0	5100			4-10-64	313.3	2230.6	
		4-29-64	203.8	2726.2				6-19-64	322.4	2230.5	
01S/04E-22J01 S	2750.0**	10-29-63	170.4	2579.6	5000	03S/01W-12C01 S	2570.6	8-01-63	311.0	2259.6	5713
		1-22-64	170.6	2579.6	5100			9-27-63	311.8	2259.8	
		3-17-64	170.6	2579.4	5000			12-06-63	312.1	2258.5	
		4-29-64	171.0	2579.0	5100			2-06-64	313.2	2257.4	
01S/04E-23C03 S	2700.0	1-23-64	139.0*	2561.0	5100			4-10-64	312.8	2257.8	
		4-29-64	89.1	2551.9	5100			6-19-64	313.2	2257.4	
01S/04E-29J01 S	2641.0	1-22-64	89.1	2551.9	5100	SAN GORGONIO HYDRO SUBAREA					
		4-29-64	89.3	2551.7				8-02-63	8.2	4991.8	5713
01S/05E-04R02 S	3520.0	1-22-64	68.6	3451.4	5100	02S/01E-03X01 S	5000.0**	9-27-63	10.6	4989.4	
		4-29-64	67.9	3452.1				12-06-63	12.7	4987.3	
								2-06-64	13.8	4986.2	
								4-10-64	12.2	4987.8	
								6-19-64	2.0	4998.0	
						02S/01E-03X02 S	5000.0**	8-02-63	30.2	4969.8	5713
								9-27-63	33.3	4966.7	
								12-06-63	36.2	4963.6	
								2-06-64	36.9	4963.2	
								4-10-64	35.7	4971.7	
								6-19-64	22.3	4977.7	
						02S/01E-08M01 S	3985.0**	9-27-63	73.2	3911.8	5713
								12-06-63	73.7	3911.3	
								4-10-64	70.1	3915.9	
						02S/01E-17F01 S	3730.0**	8-02-63	70.2	3659.8	5713
								9-27-63	61.7	3668.3	
								12-06-63	57.2	3672.8	
								2-06-64	62.7	3667.3	
								4-10-64	53.7	3676.3	
						02S/01E-29C01 S	3442.0**	9-27-63	196.1	3245.9	5713

** Approximate ground surface elevation

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
WHITewater HYDRO UNIT											
SAN GORGONIO HYDRO SUBUNIT SAN GORGONIO HYDRO SUBAREA						COACHELLA HYDRO SUBUNIT GARNET HILL HYDRO SUBAREA					
X-19-C0						X-19-D0					
02S/01E-29D01 S	3455.0**	9-27-63	178.2	3276.8	5713	03S/04E-13N01 S	1100.0**	8-30-63	222.3	877.7	5131
		12-06-63	188.8	3289.2				3-04-64	224.2	875.6	
		4-10-64	153.2	3301.6		03S/04E-17K01 S	900.0**	8-29-63	339.2	560.8	5131
02S/01E-29P01 S	3278.0**	9-27-63	185.1	3092.9	5713			9-17-63	345.6P	554.6	
		12-06-63	176.3	3101.7				11-12-63	345.9P	554.1	
		2-06-64	166.9	3111.1				12-10-63	345.4P	554.6	
								1-14-64	345.2P	554.8	
02S/01E-29Q03 S	3260.0**	8-02-63	179.1	3080.9	5713			2-14-64	345.6P	554.4	
		12-06-63	169.8	3090.2		03S/04E-22A01 S	710.0**	9-17-63	170.2	539.8	5131
		4-10-64	161.9	3098.1				3-11-64	169.7	540.3	
02S/01E-33K01 S	2804.0**	8-02-63	23.8	2780.2	5713	MISSION CREEK HYDRO SUBAREA					
		9-27-63	24.0	2780.0				8-29-63	334.4	764.6	5131
		12-06-63	24.2	2779.8				2-07-64	335.7	763.3	
		2-06-64	24.0	2780.0				4-10-64	432.8	756.2	4103
		4-10-64	24.1	2779.9		02S/04E-25N01 S	1099.0**	8-29-63	283.5	761.5	5131
		6-19-64	23.9	2780.1				2-07-64	283.8	761.2	
03S/01E-03C01 S	2592.4	8-02-63	76.0	2516.4	5713	02S/04E-27R01 S	1189.0	8-27-63	222.0	762.0	5131
		12-06-63	74.7	2517.7				2-06-64	222.7	761.3	
		2-06-64	76.2	2516.2		02S/04E-35Q01 S	1045.0	8-29-63	283.5	761.5	5131
		4-10-64	74.5	2517.9				2-07-64	283.8	761.2	
03S/03E-08M01 S	1347.5	7-11-63	224.0	1123.5	4103	02S/05E-31L01 S	984.0**	8-27-63	222.0	762.0	5131
		8-09-63	222.2	1125.3				2-06-64	222.7	761.3	
		9-17-63	225.6	1122.9		03S/04E-02D01 S	1050.0	7-11-63	295.5	754.5	4103
		11-12-63	223.0	1124.5				4-10-64	112.9	757.3	4103
		2-14-64	225.7	1123.0		03S/04E-10J01 S	870.0	11-12-63	112.7	757.3	4103
		5-19-64	223.4	1123.6				4-10-64	112.9	757.1	
		6-18-64	224.7	1122.8		03S/04E-11B02 S	912.0	11-12-63	150.2	761.8	4103
03S/01W-01N01 S	2603.1	8-01-63	335.6	2267.5	5713			4-10-64	150.4	761.6	
		9-27-63	336.6	2266.5		03S/04E-11L02 S	864.0	8-15-63	105.5	758.5	5131
		12-06-63	336.8	2266.3				1-10-64	105.9	758.1	
		2-04-64	337.7	2265.4				2-06-64	105.5	758.5	
		4-10-64	337.2	2265.9		03S/04E-11P01 S	825.0**	8-21-63	62.8	762.2	5131
								2-11-64	63.1	761.9	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
WHITEWATER HYDRO UNIT											
COACHELLA HYDRO SUBUNIT MISSION CREEK HYDRO SUBAREA						X-19*00					
X-19*00						X-19*00					
X-19*02						X-19*00					
03S/04E-12B01 S	885.0**	8-27-63	124.6	760.4	5131	02S/05E-30001 S	1100.0	11-12-63	101.5	998.5	4103
		2-06-64	122.9	762.1				4-14-64	100.0	1000.0	
03S/04E-12H01 S	846.0**	8-27-63	87.1	758.9	5131	03S/06E-28A01 S	1005.0**	11-13-63	252.6	752.4	4103
		2-06-64	86.0	760.0				4-14-64	250.6	754.4	
03S/04E-13H01 S	769.0**	11-13-63	37.4	731.6	4103	03S/06E-36P01 S	765.0**	8-30-63	78.0	687.0	5131
		4-14-64	37.4	731.6				3-10-64	75.9	689.1	
03S/05E-08M01 S	820.0**	7-11-63	67.3	752.7	4103	THOUSAND PALMS HYDRO SUBAREA					
		8-08-63	68.0	752.0		04S/06E-08L01 S	370.0**	9-25-63	263.2	106.8	5131
		9-17-63	67.3	752.7				3-03-64	264.8	105.2	
		11-12-63	67.3	752.7		04S/06E-14C01 S	400.0**	10-02-63	7.7	392.3	5131
		12-10-63	70.1	749.9		04S/06E-17R01 S	215.0**	8-28-63	113.1	101.9	5131
		1-14-64	70.0	750.0				9-05-63	112.0	103.0	
		2-14-64	73.6	746.4				2-12-64	113.4	101.6	
		4-14-64	67.6	752.4		04S/06E-22C01 S	216.0**	8-30-63	136.7	79.3	5131
		5-19-64	67.7	752.3				2-12-64	135.7	80.3	
		6-18-64	67.7	752.3		04S/06E-22C02 S	217.0**	8-30-63	131.6	85.4	5131
03S/05E-09C01 S	1020.0**	11-12-63	254.2	765.8	4103			2-12-64	129.7	87.3	
		4-14-64	254.3	765.7		04S/06E-22J01 S	225.0**	9-04-63	161.0P	64.0	5131
03S/05E-17J01 S	787.0**	8-27-63	38.3	748.7	5131	04S/06E-22K01 S	215.0**	9-04-63	135.2	79.8	5131
		2-11-64	36.9	750.1				8-28-63	121.1	43.9	5131
03S/05E-17K01 S	780.0**	8-30-63	32.8	747.2	5131	04S/07E-30E01 S	165.0**	3-03-64	118.9	46.1	
		2-12-64	29.3	750.7				8-28-63	107.0	43.0	5131
MIRACLE HILL HYDRO SUBAREA						X-19*03					
X-19*03						X-19*03					
03S/05E-11J01 S	1114.6	7-11-63	228.7	885.9	4103	04S/07E-32F01 S	90.0**	8-28-63	60.3	29.7	5131
		8-08-63	228.9	885.7				1-27-64	107.1	42.9	
		9-17-63	228.9	885.7		04S/07E-33N01 S	74.0**	8-27-63	42.9	31.1	5131
		11-13-63	229.7	884.9				1-13-64	48.7	-3.7	5131
		12-10-63	232.9	881.7		05S/07E-04A01 S	45.0**	8-27-63	37.0	8.0	
		1-14-64	229.1	885.5				1-13-64	37.0		
		2-14-64	229.0	885.6							
		4-14-64	229.3	885.3							
		5-19-64	229.3	885.3							
		6-18-64	230.0	884.6							

• Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
WHITEWATER HYDRO UNIT											
COACHELLA HYDRO SUBUNIT THOUSAND PALMS HYDRO SUBAREA						X-19*06					
055/07E-04D01 S	55.0**	9-25-64	45.2	9.8	5131	04S/04E-15J01 S	453.0	9-18-63 3-11-64	237.9 246.5	215.1 206.5	5131
055/07E-04D02 S	55.0**	8-27-63 1-13-64	44.3 39.9	10.7 15.1	5131	04S/04E-23C01 S	428.2**	7-01-63 8-27-63 9-20-63 10-09-63 11-30-63 12-17-63 1-22-64 2-19-64	228.0A 227.5A 238.0A 236.0A 244.0A 249.0A 227.0A 226.0A 233.0A	200.2 200.7 190.2 184.2 200.2 201.2 202.2 195.2	4700
INDIO HYDRO SUBAREA						X-19*07					
03S/04E-21D01 S	825.0**	9-06-63 2-13-64	459.2 463.3	365.8 361.7	5131	04S/04E-25U01 S	423.0**	9-04-63 3-06-64	223.6 223.3	189.4 197.7	5131
03S/04E-23M01 S	655.0**	9-18-63 3-11-64	273.3 224.3	422.7 430.7	5131	04S/05E-09K01 S	446.0**	9-08-63 1-10-64 2-07-64	242.2 245.0 243.4	204.8 201.0 202.6	5131
03S/04E-30C01 S	950.0**	9-11-63 2-11-64	569.3 524.6	400.7 397.4	5131	04S/05E-09B01 S	405.0**	9-08-63 2-07-64	205.9 207.2	199.1 197.8	5131
03S/04E-34J01 S	627.8**	9-08-63 3-04-64	337.2 382.9**	283.6 237.9	5131	04S/05E-09F01 S	397.0**	9-08-63 2-07-64	208.2 209.1	188.8 187.9	5131
04S/04E-01N01 S	500.0**	9-17-63 3-06-64	287.1 289.3	212.9 210.7	4700	04S/05L-15H01 S	345.0**	8-28-63	186.2	158.8	5131
04S/04E-11K01 S	480.0**	7-01-63 8-29-63	265.0 277.5	215.0 202.5	4700	04S/05E-15R02 S	345.0**	8-28-63 3-06-64	182.5 183.9	162.5 161.1	5131
		9-20-63	282.0	198.0		04S/05E-16N01 S	360.0**	9-03-63 2-11-64	182.2 183.4	177.8 176.6	5131
		10-09-63	265.5	214.5		04S/05E-17L01 S	375.0**	7-01-63 7-15-63	185.8 185.9	189.2 189.1	5050
		11-29-63	277.5	202.5				7-31-63	186.4	186.6	5131
		12-23-63	279.5	200.5				8-28-63	186.3	186.7	5050
		1-22-64	287.0	193.0				9-20-63	186.5	186.2	5131
		2-25-64	271.3	208.7				9-01-63	186.7	188.3	5050
04S/04E-11001 S	464.0**	7-02-63 8-29-63	242.0 247.5	222.0 216.5	4700			9-18-63	186.6	188.2	5050
		9-20-63	282.5	221.5				10-01-63	187.0	187.9	5050
		10-09-63	283.5	220.5				10-01-63	187.1	187.9	5050
		11-28-63	282.0	222.0				10-01-63	187.2	187.9	5050
		12-20-63	281.0	223.0				10-01-63	187.3	187.9	5050
		1-22-64	250.5	213.7				10-01-63	187.4	187.9	5050
		2-25-64	249.0	215.0				10-01-63	187.5	187.9	5050
04S/04E-13P01 S	410.9	9-12-63	209.4	201.5	5131			10-01-63	187.6	187.9	5050

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

(CONT.)

A. A. Clark, Inc., analyst

TABLE C-2
GROUND WATER LEVELS AT WELLS

Site Well Number	G. S. Elev., In Feet	Date	Dth. G. S. to Water Surface In Feet	Water Surface Elev., In Feet	Agency Supplying Data	WHITEWATER HYDRO UNIT								
						X-19-00			X-19-01					
COACHELLA HYDRO SUBUNIT						INDIO HYDRO SUBAREA								
04S/05E-17L01 S	375.0**					187.8	5050	04S/05E-21F01 S	345.0**	9-05-63	169.4	X-19-00	175.6	5131
						187.7	5131			3-06-64	170.8		174.2	
						187.5	5050	04S/05E-21H01 S	355.0**	9-11-63	190.2		164.8	5131
						187.3	5050			2-11-64	188.1		166.9	
						187.3	5050	04S/05E-21J01 S	348.0	9-11-63	177.8		170.2	5131
						187.3	5050			2-25-64	178.7		169.3	
						188.9	5131	04S/05E-22A01 S	347.0**	8-29-63	185.6		161.4	5131
						188.4	5050			3-03-64	186.4		160.6	
						188.4	5050	04S/05E-27E01 S	313.0**	9-10-63	154.7		158.3	5131
						188.4	5050			2-25-64	155.2		157.8	
						186.6	5131	04S/05E-27N01 S	296.0**	9-17-63	147.6		148.4	5131
						186.6	5050			3-11-64	148.0		148.0	
						186.6	5050	04S/05E-29A01 S	333.0**	9-17-63	159.7		173.3	5131
						186.2	5050			3-06-64	160.5		172.5	
						186.2	5050	04S/05E-29F01 S	329.0**	9-12-63	154.6		174.4	5131
						185.8	5050			3-05-64	155.2		173.8	
						185.8	5050	04S/05E-29K01 S	324.0**	9-12-63	153.0		171.0	5131
						187.6	5131			3-03-64	154.2		169.8	
						185.6	5050	04S/05E-29R01 S	311.0**	9-04-63	146.9		166.1	5131
						185.4	5050			3-06-64	145.8		165.2	
						185.4	5050	04S/05E-33B02 S	304.0**	9-10-63	144.8		159.2	4700
						193.2	4700			3-03-64	145.7		158.3	
						139.3	4700	04S/05E-33B03 S	303.0**	9-10-63	140.8		162.2	5131
						132.3	4700			3-03-64	141.7		161.3	
						131.8	4700	04S/05E-35C01 S	271.0**	9-06-63	136.7		134.3	5131
						131.8	4700			3-05-64	138.0		133.0	
						137.0	4700	04S/05E-35E01 S	270.0**	9-18-63	136.9		133.1	5131
						142.8	4700			3-05-64	138.2		131.8	
						140.8	4700	04S/05E-35G01 S	262.0**	9-06-63	141.3		120.7	5131
						139.8	4700			3-03-64	141.5		120.5	
						144.8	4700							
						140.3	4700							
						164.8	5131							
						169.6	5131							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
COACHELLA HYDRO. SUBUNIT INDIO HYDRO. SUBAREA											
COACHELLA HYDRO. SUBUNIT INDIO HYDRO. SUBAREA						X-19+00					
X-19+00						X-19+00					
04S/05E-36001 S	257.0	9-11-63	131.8	125.2	5131	04S/06E-27N01 S	165.0**	12-20-63	91.2	73.8	5131
		3-05-64	132.0	125.0			3-04-64	96.7	68.3		
04S/05E-36001 S	318.0**	9-19-63	194.2	123.8	5131	04S/06E-28A02 S	175.0**	8-28-63	214.6	-39.6	5131
		3-11-64	194.1	123.9			2-12-64	215.7	-40.7		
04S/05E-36001 S	310.0**	9-19-63	194.3	115.7	5131	04S/06E-28E01 S	180.0**	9-04-63	86.9	93.1	5131
		3-05-64	129.7	120.3			3-04-64	86.4	93.6		
04S/05E-36P01 S	250.0**	9-11-63	135.7	114.3	5131	04S/06E-28H01 S	170.0**	9-04-63	87.1	82.9	5131
		8-27-63	98.6	133.4			9-05-63	96.7	70.3		
		12-20-63	102.1	129.9			3-06-64	95.5	71.5		
		3-06-64	102.9	129.1			8-28-63	86.6	81.4		
		5-26-64	106.2	125.8			9-04-63	95.8	70.2		
04S/06E-18P01 S	235.0**	9-10-63	107.4	127.6	5131	04S/06E-29A01 S	178.0**	9-04-63	83.3	94.7	5131
		2-25-64	108.2	126.8			3-06-64	83.7	94.3		
04S/06E-18P02 S	236.0**	9-04-63	108.8	127.2	5131	04S/06E-29B01 S	185.0**	9-04-63	90.3	94.7	5131
		8-26-63	119.9	121.1			3-06-64	87.9	97.1		
		9-10-63	118.4	123.9			9-05-63	98.3	61.7		
		2-12-64	117.8	123.2			9-05-63	104.2	56.8		
04S/06E-18R01 S	238.0**	9-10-63	123.1	114.9	5131	04S/06E-34F01 S	161.0**	9-05-63	108.5	51.5	5131
		2-12-64	123.2	114.8			9-05-63	106.3	106.7		
04S/06E-19C01 S	221.0**	9-04-63	99.9	121.1	5131	04S/06E-34L01 S	160.0**	9-05-63	108.5	51.5	5131
		3-03-64	102.6	118.4			9-05-63	56.3	106.7		
04S/06E-19J02 S	220.0**	9-04-63	93.3	126.7	5131	05S/05E-01C01 S	245.0**	9-03-63	126.2	118.8	5131
		9-04-63	91.1	88.9			9-03-63	128.5	122.5		
		3-04-64	90.3	89.7			3-05-64	130.9	120.1		
04S/06E-21N01 S	180.0**	9-15-63	96.8	71.2	5131	05S/05E-01D01 S	250.0**	9-03-63	129.2	120.8	5131
		9-05-63	77.1	92.9			3-05-64	131.5	118.5		
04S/06E-27M01 S	170.0**	9-05-63	77.1	92.9	5131	05S/05E-01E02 S	250.0**	9-03-63	127.3	122.7	5131
		8-27-63	105.6	59.4			8-31-63	129.9	115.1		
		9-04-63	102.8	62.2			3-05-64	133.8	111.2		

* Questionable measurement p Pumping measurement A Air gauge measurement
 ** Approximate ground surface elevation

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev. In Feet	Date	Dist. G.S. Surface In Feet	Water Table Elev. In Feet	Agency Supplying Data	State Well Number	G.S. Elev. In Feet	Date	Dist. G.S. Surface In Feet	Water Table Elev. In Feet	Agency Supplying Data
WHITewater HYDRO UNIT											
COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA						COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA					
X-19*00						X-19*00					
055/05E-01M01 S	245.0**	3-05-64	130.5	114.5	5131	055/06E-06P01 S	223.0**	8-30-63	133.0	90.0	5131
055/05E-01M03 S	245.0**	8-30-63	134.6	110.4	5131	055/06E-06M01 S	220.3	12-18-63	128.0	92.3	5131
055/05E-01P01 S	240.0**	8-30-63	130.3	109.7	5131	055/06E-06M01 S	220.3	12-31-63	124.5	95.4	5131
055/05E-01M01 S	237.0**	8-30-63	130.0	107.0	5131	055/06E-13H01 S	150.0**	8-22-63	119.3	30.7	5131
055/05E-01R01 S	232.0**	8-30-63	125.1	106.9	5131	055/06E-13H01 S	150.0**	2-28-64	118.0	32.0	5131
055/05E-02F01 S	250.0**	9-03-63	131.0	119.0	5131	055/06E-13J01 S	155.0**	8-22-63	124.9	30.1	5131
055/05E-02K01 S	245.0**	3-05-64	134.3	115.7	5131	055/06E-13K01 S	160.0**	2-28-64	122.2	35.8	5131
055/05E-02L01 S	255.0**	9-17-63	132.2	112.8	5131	055/06E-13K01 S	160.0**	8-22-63	125.3	34.7	5131
055/05E-02K02 S	245.0**	3-04-64	131.5	113.5	5131	055/06E-18R01 S	193.0**	2-28-64	121.9	38.1	5131
055/05E-02L01 S	255.0**	9-09-63	128.4	116.6	5131	055/06E-20P01 S	267.0**	8-05-63	116.0	77.0	5131
055/05E-02P02 S	250.0**	3-05-64	134.6	120.4	5131	055/06E-20P01 S	267.0**	9-12-63	118.3	74.7	5131
055/05E-02P03 S	250.0**	9-06-63	131.5	118.5	5131	055/06E-21N01 S	248.0**	2-26-64	116.6	76.4	5131
055/05E-11A01 S	234.0**	8-30-63	128.5	105.5	5131	055/06E-21N01 S	248.0**	7-17-63	188.0*	79.0	5131
055/05E-12B01 S	233.0**	8-30-63	127.4	105.6	5131	055/06E-21N01 S	248.0**	7-29-63	171.1	76.9	5131
055/05E-12D01 S	235.0**	8-30-63	130.4	104.6	5131	055/06E-21N01 S	248.0**	10-01-63	171.5	76.5	5131
055/05E-12G01 S	227.0**	9-03-63	125.9	101.1	5131	055/06E-22L01 S	187.0**	2-28-64	169.7	78.3	5131
055/05E-12G02 S	227.0**	9-03-63	124.1	102.9	5131	055/06E-22L01 S	187.0**	8-28-63	119.4	67.6	5131
055/05E-12G03 S	227.0**	9-03-63	125.5	101.5	5131	055/06E-22N01 S	211.0**	2-28-64	116.0	71.0	5131
055/05E-12H01 S	223.0**	8-30-63	121.6	101.4	5131	055/06E-22N01 S	211.0**	8-28-63	142.5	68.5	5131
055/05E-13A01 S	265.0**	9-06-63	125.5	139.5	5131	055/06E-22P01 S	205.0**	2-26-64	139.9	71.1	5131
055/06E-06N01 S	228.0**	1-16-64	132.0	96.0	5131	055/06E-22P01 S	205.0**	8-28-63	130.4	74.6	5131
						055/06E-22P01 S	205.0**	1-08-64	127.6	77.4	5131
						055/06E-22P01 S	205.0**	2-27-64	127.6	77.4	5131
						055/06E-22P01 S	205.0**	8-28-63	123.2	66.8	5131
						055/06E-22P01 S	205.0**	1-08-64	120.9	69.1	5131
						055/06E-27C02 S	211.0**	10-03-63	135.4	75.6	5131
						055/06E-27C02 S	211.0**	11-19-63	139.6	71.4	5131
						055/06E-27C02 S	211.0**	2-28-64	134.2	76.8	5131

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA		WHITEWATER HYDRO UNIT		COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA		WHITEWATER HYDRO UNIT					
State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev., in Feet	Agency Supplying Data
			X-19+00				X-19+00				X-19+00
			INDIO HYDRO SUBAREA				INDIO HYDRO SUBAREA				INDIO HYDRO SUBAREA
055/06E-28C01 S	262.0**	7-29-63 10-01-63 2-27-64	186.2 184.0 182.1	75.8 78.0 79.9	5131	055/07E-07J01 S	100.0**	8-27-63 1-15-64	101.6 108.0	-1.6 -8.0	5131
055/06E-28M01 S	349.0**	8-22-63 2-27-64	359.1 237.8	80.9 82.2	5131	055/07E-07P01 S	100.0**	8-27-63 2-13-64	77.7 74.8	22.3 25.2	5131
055/06E-29C01 S	338.0**	7-29-63 10-01-63 2-28-64	265.0 260.3 261.1	73.0 71.7 70.9	5131	055/07E-08G01 S	90.0**	8-27-63 1-14-64	82.8 78.5	7.2 11.5	5131
055/06E-29M01 S	415.0**	7-29-63 8-05-63 10-01-63 2-27-64	356.7 362.7P 329.1* 327.0	58.3 52.3 85.9 88.0	5131	055/07E-09F01 S	40.0**	8-27-63 1-14-64	50.9 42.5	-10.9 -4.5	5131
055/06E-29R01 S	395.0**	10-31-63 11-19-63 2-27-64	325.0 322.6 323.9	70.0 72.4 71.1	5131	055/07E-10E01 S	28.0**	8-28-63 1-13-64	47.3 39.7	-19.3 -11.7	5131
055/06E-30R01 S	520.0**	10-01-63 2-26-64	444.2 443.3	75.8 76.7	5131	055/07E-13D01 S	-11.0**	8-28-63 1-13-64	22.7 18.3	-33.7 -29.3	5131
055/06E-32G01 S	450.0**	9-04-63 2-27-64	362.2 361.9	87.8 86.1	5131	055/07E-14K01 S	-5.0**	8-16-63 1-17-64	28.7 22.8	-33.7 -27.8	5131
055/06E-36L01 S	52.0**	8-21-63 2-21-64	78.8 75.7	-26.8 -23.7	5131	055/07E-16C01 S	30.0**	8-27-63 1-14-64	47.5 42.2	-17.5 -12.2	5131
055/07E-04M01 S	50.0**	8-27-63 1-13-64	45.1 35.4	4.9 14.6	5131	055/07E-16K01 S	34.0**	8-16-63 2-06-64	37.8 39.0	-3.8 -5.0	5131
055/07E-04Q01 S	40.0**	8-27-63 1-13-64	48.7 38.2	-8.7 1.8	5131	055/07E-18D01 S	125.0**	8-27-63 1-15-64	104.6 103.1	20.4 21.9	5131
055/07E-06B01 S	93.0**	8-27-63 1-13-64	51.2 48.5	41.8 44.5	5131	055/07E-18M01 S	155.0**	8-27-63 1-15-64	131.5 129.7	23.5 25.3	5131
055/07E-06L01 S	99.0**	8-27-63 1-15-64	65.9 64.0	33.1 35.0	5131	055/07E-18M02 S	120.0**	8-22-63 2-25-64	109.9 107.5	10.1 14.5	5131
055/07E-07F01 S	102.0**	8-27-63 1-15-64	81.7 83.1	20.3 18.9	5131	055/07E-21F02 S	35.0**	8-16-63 1-08-64	45.5 41.2	-10.5 -6.2	5131
						055/07E-30F01 S	76.0**	8-21-63 1-08-64 2-21-64	73.6 72.6 70.7	2.4 3.4 5.3	5131
						055/07E-30F02 S	76.0**	8-21-63 (CONT.)	74.0	2.0	5131

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G.S.Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface In Feet	Agency Supplying Data	State Well Number	G.S.Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface In Feet	Agency Supplying Data
WHITEWATER HYDRO UNIT											
COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA						X-19+00					
X-19+00						X-19+00					
065/07E-30F02 S	76.0**	(CONT*) 11-09-63 1-08-64 2-21-64	73+8 72+1 71+0	2+2 3+9 5+0	5131	065/08E-05R01 S	-83.0**	2-25-64	FLOW	5131	X-19+D7
065/07E-34R01 S	1.0**	8-28-63 1-14-64	28+6 26+5	-27+6 -25+5	5131	065/08E-05R02 S	-82.0**	7-11-63 9-20-63 12-23-63 1-03-64	FLOW FLOW FLOW FLOW	-86.3	5131
065/07E-36D01 S	-21.0**	8-16-63 1-13-64	23+3 21+0	-44+3 -42+0	5131	065/08E-11N01 S	-110.0**	8-02-63 1-10-64	FLOW FLOW	5131	
065/07E-36G01 S	-30.0**	8-16-63	14+5	-44+5	5131	065/08E-19D01 S	-84.0**	8-23-63 1-08-64	12+0A 17+2	-96.0 -101.2	5131
065/07E-36Q01 S	-34.0**	8-16-63 1-08-64	13+0 15+4	-43+0 -49+4	5131	065/08E-19K01 S	-106.0**	8-23-63 1-08-64	FLOW FLOW	5131	
065/07E-01P01 S	-50.0**	8-16-63 1-07-64	7+2 6+3	-57+2 -56+3	5131	065/08E-32R01 S	-140.0**	8-23-63 1-17-64	FLOW FLOW	5131	
065/07E-02G01 S	-10.0**	8-28-63 2-11-64	20+9 22+8	-30+9 -32+8	5131	065/08E-36M01 S	-152.8**	7-30-63 1-21-64	FLOW FLOW	5131	
065/07E-10G01 S	-15.0**	8-16-63 1-09-64	14+7 16+6	-29+7 -31+6	5131	07S/07E-03A01 S	-70.4**	8-14-63 1-07-64	23+7 20+6	-94+1 -91+0	5131
065/07E-12E01 S	-45.0**	8-23-63 1-08-64	11+9 10+8	-56+9 -55+8	5131	07S/08E-07R01 S	-89.7**	8-07-63 1-07-64	32+3 31+3	-122+0 -121+0	5131
065/07E-13M02 S	56.0**	10-23-63 1-08-64	119+3 119+7	-63+3 -63+7	5131	07S/08E-17A01 S	-114.7**	8-13-63 1-07-64	6+9 4+6	-121+6 -119+3	5131
065/07E-17R01 S	-5.0**	8-16-63 1-07-64	49+9 48+0	-54+9 -53+0	5131	07S/08E-17A02 S	-114.1**	8-13-63 1-07-64	11+9 8+8	-126+0 -122+9	5131
065/07E-22B01 S	-42.0**	8-16-63 1-07-64	FLOW FLOW	FLOW FLOW	5131	07S/08E-18C01 S	-72.7**	8-13-63 1-07-64	46+6 44+0	-119+3 -116+7	5131
065/08E-05R01 S	-83.0**	7-11-63 9-20-63 12-23-63 1-03-64 1-28-64 (CONT*)	FLOW FLOW FLOW FLOW FLOW	FLOW FLOW FLOW FLOW FLOW	5131	07S/08E-18C02 S	-73.1**	8-13-63 1-07-64	46+5 44+6	-119+6 -117+7	5131
						07S/08E-21H01 S	-70.0**	7-25-63 1-06-64	36+2 40+4	-106+2 -110+4	5131
						07S/08E-34G01 S	-89.0**	7-25-63 (CONT*)	40+1	-129+1	5131

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

Site Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	Site Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
WHITEMATER HYDRO UNIT											
COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA						X-19.0D0					
(CONT.)						X-19.0D7					
07S/08E-34G01 S	-89.0**	1-06-64	38.4	-127.4	5131	08S/09E-33N01 S	-132.8**	7-19-63 1-15-64	40.6 39.5	-173.4 -172.3	X-19.0D7
07S/08E-34K01 S	-85.0**	7-24-63	49.3	-134.3	5131						
		1-06-64	47.1	-132.1							
07S/08E-35K01 S	-160.0**	7-26-63	FLOW		5131						
		1-17-64	FLOW								
07S/09E-07F01 S	-186.0**	7-26-63	FLOW		5131						
		1-10-64	FLOW								
07S/09E-13N01 S	-101.0**	8-08-63	43.4	-164.4	5131						
		1-10-64	41.4	-162.4							
07S/09E-23N01 S	-187.7**	7-31-63	5.1	-192.8	5131						
		9-20-63	2.2	-189.9							
		1-10-64	FLOW								
07S/09E-30M01 S	-210.0**	8-07-63	FLOW		5131						
		1-22-64	FLOW								
07S/10E-20R01 S	-134.4**	8-02-63	15.4	-149.8	5131						
		1-09-64	13.4	-147.8							
08S/08E-03B01 S	-94.7**	7-14-63	41.1	-135.8	5131						
		1-06-64	39.4	-134.1							
08S/08E-11B01 S	-149.2**	7-26-63	FLOW		5131						
		1-24-64	FLOW								
08S/08E-24A01 S	-153.7**	7-23-63	7.8	-161.5	5131						
		1-06-64	5.4	-159.1							
08S/08E-24L01 S	-108.7**	7-18-63	50.0	-158.7	5131						
		1-06-64	47.4	-156.1							
08S/09E-31R01 S	-17.8**	7-18-63	160.3	-178.1	5131						
		9-29-63	150.1	-176.1							
		1-06-64	157.9	-175.7							
08S/09E-31R02 S	-18.5**	7-18-63	158.2	-176.7	5131						
		9-25-63	156.9	-175.4							
		1-06-64	155.6	-174.1							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. In Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. In Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data
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CLARK HYDRO UNIT

X-20.00

095/06E-36A01 S 595.0 3-20-64 16.7 578.3 5000

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data
ANZA BORREGO HYDRO UNIT											
X-22-A0											
BORREGO HYDRO SUBUNIT											
BORREGO HYDRO SUBAREA											
10S/06E-08B01 S	760.0**	10-31-63	283.9	476.1	5000	10S/07E-19M01 S	599.0**	10-31-63	93.7	505.3	5000
		3-20-64	279.4	480.6				3-20-64	94.1	504.9	
10S/06E-21A01 S	664.5**	7-02-63	180.3*	484.2	5050	11S/06E-05P01 S	600.0**	10-31-63	138.5	461.5	5000
		7-15-63	179.7	484.8				3-20-64	138.3	461.7	
		8-01-63	180.3*	484.2							
		8-15-63	181.2*	483.3							
		9-01-63	180.2*	484.3							
		9-16-63	176.2*	488.3							
		10-03-63	173.6*	490.9							
		10-15-63	173.6*	490.9							
	664.0**	10-31-63	168.8	495.2	5000	11S/06E-11M01 S	487.0**	10-31-63	22.4	464.6	5000
	664.5**	11-01-63	171.5*	493.7	5050			3-20-64	21.7	465.3	
		11-15-63	170.8	493.7							
		12-01-63	169.9	494.6							
		12-15-63	169.3	495.2							
		1-02-64	169.8	494.7							
		2-01-64	170.6	493.9							
		2-18-64	173.6*	496.0							
		3-01-64	177.3*	497.0							
	664.0**	3-15-64	167.0	494.7	5000	11S/06E-22A01 S	500.0**	10-31-63	59.3	440.7	5000
	664.5**	3-21-64	167.1	494.7	5050			3-20-64	59.2	440.8	
		4-15-64	176.6*	489.9							
		4-15-64	176.6*	489.9							
		5-01-64	178.1*	486.4							
		5-11-64	175.1*	488.7							
		5-15-64	180.0*	484.5							
		6-01-64	181.1*	483.4							
		6-15-64	182.1*	482.4							
		6-30-64	183.0*	481.5							
10S/06E-24K01 S	600.0**	10-31-63	29.3	570.7	5000	11S/07E-07N01 S	495.0**	3-20-64	34.8	460.2	5000
		3-20-64	31.3	568.7							
10S/06E-29N01 S	595.0**	10-31-63	117.8	477.2	5000	11S/07E-20P01 S	560.0**	10-31-63	70.2	489.8	5000
		3-20-64	118.7	476.3				3-20-64	70.0	490.0	
10S/06E-35N01 S	539.0	10-31-63	42.5	496.5	5000						
		3-20-64	43.2	495.8							
10S/06E-36001 S	535.0**	10-31-63	60.4	474.6	5000						
		3-20-64	59.7	475.3							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elevation, in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elevation, in Feet	Agency Supplying Data
ANZA BORREGO HYDRO UNIT											
OCOTILLO-LR S FELIPE HYDR SUBUNIT X-22+80											
12S/08E-22E01 S	120.0**	10-31-63 3-20-64	113+8 113+9	6+2 6+1	5000	12S/04E-24K01 S	2430.0**	10-31-63 3-20-64	32+4 32+2	2397+6 2397+8	5000
12S/09E-22A02 S	10+0**	10-31-63 3-20-64	101+9 101+4	-91+9 -91+4	5000	12S/05E-34J01 S	2250.0**	10-31-63 3-20-64	61+6 61+7	2188+4 2188+3	5000
12S/09E-23D01 S	10+0**	10-31-63 3-20-64	142+9P 87+9	-132+9 -77+9	5000						
SAN FELIPE HYDRO SUBUNIT X-22+D0											

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
ANZÁ BORRERO HYDRO UNIT X-22*00											
MASON HYDRO SUBUNIT X-22*E0						VALLECITO-CARRIZO HYDRO SUBUNIT X-22*F0					
14S/05E-02X01 S 2060.0** 3-20-64 82.6 1977.4 5000						CARRIZO HYDRO SUBAREA X-22*F1					
						15S/08E-08X01 S 600.0** 3-20-64 61.3 538.7 5000					
VALLECITO HYDRO SUBAREA X-22*FZ											
14S/06E-08X01 S 1660.0** 3-20-64 66.1 1593.9 5000											

• Questionable measurement

•• Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-2
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
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EAST SALTON SEA HYDRO UNIT

X-25+00

075/10E-35601 S	-65.2	8-06-63	87.0	-152.2	5131						
		1-10-64	86.5	-151.7							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. To Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. To Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01.00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01.0A0											
EAST COASTAL PLAIN HYDRO SUBAREA Y-01.0A1											
04S/09W-02L01 S	331.5	7-03-63	51.6	279.9	5102	04S/09W-04G01 S	256.4	8-16-63	88.3P	168.1	4742
		8-09-63	53.6	277.9				8-30-63	91.4P	165.0	
		9-12-63	54.3	277.2				9-13-63	91.0P	165.4	
		10-02-63	53.3	278.5				9-27-63	92.8P	174.0	
		11-06-63	52.2	279.3				10-31-63	95.6P	196.6	
		12-04-63	51.5	279.9				11-15-63	95.6P	198.8	
		1-08-64	51.7	278.8				11-15-63	99.4	197.0	
		2-03-64	52.0	279.5				11-29-63	99.4	198.0	
		3-04-64	51.9	279.8				12-13-63	24.0	232.0	
		5-01-64	51.7	279.8				12-27-63	23.9	232.5	
		6-03-64	51.6	279.9				1-03-64	23.9	234.5	
04S/09W-03J01 S	310.0	7-25-63	38.5	271.5	5102			1-17-64	60.0P	196.4	
		8-22-63	40.8	269.2				1-31-64	27.1	229.3	
		7-25-63	53.9	248.3	5102			2-14-64	26.7	231.7	
		8-22-63	56.8	245.4				2-28-64	25.6	230.8	
		9-19-63	57.0	245.2				3-13-64	25.8	230.6	
		10-22-63	51.6	250.6				3-28-64	26.0	230.4	
		11-26-63	49.8	252.4				4-10-64	58.4P	198.0	
		12-20-63	49.7	252.5				4-24-64	59.0P	197.4	
		1-24-64	49.4	252.8				5-01-64	59.1P	197.5	
		2-27-64	49.8	252.4				5-15-64	59.6P	196.8	
		4-24-64	49.0	253.2				5-29-64	59.6P	196.8	
		4-24-64	49.1*	253.1				6-12-64	58.6P	197.8	
		5-19-64	48.7	253.5				8-01-63	92.8*	193.2	5102
04S/09W-03M01 S	300.3	7-25-63	58.4	241.9	5102	04S/09W-05M02 S	226.0	9-03-63	97.2*	128.8	
		8-22-63	61.4	238.9				10-01-63	93.2*	131.8	
		9-19-63	61.8	236.5				7-02-63	76.8	149.2	
		10-22-63	56.1	244.2				8-01-63	93.9	132.2	
		11-26-63	53.1	247.7				8-03-63	97.2	131.8	
		12-20-63	52.6	248.3				10-01-63	83.2	143.0	
		1-27-64	52.9	247.4				1-03-64	83.0	145.0	
		3-26-64	51.9	248.4				2-04-64	78.6	147.4	
		4-26-64	51.7	248.6				3-03-64	81.5	144.5	
		5-19-64	50.9	249.4				4-02-64	79.0	147.0	
		6-23-64	50.4	249.9				6-02-64	83.3	142.7	
04S/09W-04G01 S	256.4	7-05-63	70.0P	186.4	4742	04S/09W-07M01 S	205.9	7-03-63	98.8	107.1	5102
		7-19-63	76.3P	180.1				7-17-63	105.6	100.3	
		8-02-63	81.9P	174.5				8-07-63	114.4	91.5	
								8-14-63	115.7	90.2	
								9-04-63	107.2	98.7	
								9-18-63	104.9	101.0	
								(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. C. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. C. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01.00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01.A0											
EAST COASTAL PLAIN HYDRO SUBAREA											
045/09W-07M01 S	205.9	(CONT.)	104.6	101.3	5102	045/09W-07001 S	203.8	6-15-64	100.0	103.8	4715
		10-02-63	104.6	101.3				7-01-63	114.1	87.9	
		10-16-63	104.2	101.7				7-15-63	119.5*	82.5	
		11-06-63	102.1	103.9				7-29-63	125.8*	76.2	
		11-13-63	102.0	103.8				8-12-63	130.2*	71.8	
		12-04-63	100.8	105.1				8-26-63	123.5*	78.5	
		12-18-63	101.1	104.8				9-09-63	117.2	84.8	
		12-31-63	101.7	104.2				9-30-63	117.5	84.5	
		1-15-64	93.8	112.1				10-14-63	118.1	83.9	
		2-05-64	97.2	108.7				10-28-63	113.6	88.4	
		2-19-64	100.0	105.9				11-04-63	115.0	87.0	
		3-04-64	100.8	105.1				11-11-63	113.6	88.4	
		3-25-64	97.8	108.1				12-02-63	114.2	87.8	
		4-01-64	95.5	110.4				1-06-64	117.7	85.3	
		4-15-64	94.0	111.9				2-09-64	117.7	85.3	
		5-06-64	95.7	110.2				2-17-64	115.9	86.0	
		5-23-64	97.3	109.3				3-02-64	116.2	85.8	
		6-03-64	97.2	107.7				3-16-64	117.8	84.2	
		6-17-64	98.3	107.6				3-30-64	111.8	90.2	
045/09W-07001 S	203.8	7-01-63	99.0	104.8	4715			4-06-64	107.4	94.6	
		7-15-63	108.2*	95.6				4-20-64	107.2	94.8	
		8-05-63	119.8*	84.0				5-04-64	110.0	92.0	
		8-19-63	125.3*	78.5				5-18-64	111.3	90.7	
		9-02-63	101.5	102.3				6-01-64	112.0	90.0	
		9-16-63	96.7	107.1				6-15-64	110.9	91.1	
		9-30-63	100.2	103.6							
		10-14-63	101.5	102.3							
		10-28-63	102.2	101.6							
		11-11-63	103.2	100.6							
		12-02-63	105.0	98.8							
		12-16-63	105.3	98.5							
		1-06-64	106.8	97.0							
		1-20-64	92.8	111.0							
		2-03-64	99.4	104.4							
		2-17-64	107.6*	96.2							
		3-02-64	111.2*	92.6							
		3-16-64	112.4*	91.4							
		3-30-64	102.3*	101.5							
		4-06-64	93.6	110.2							
		5-20-64	93.6	109.3							
		5-18-64	97.7	109.1							
		5-18-64	100.7	108.1							
		6-01-64	100.6	103.2							
(CONT.)			100.6	103.2							
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01.A0											
EAST COASTAL PLAIN HYDRO SUBAREA											
045/09W-07004 S	205.0	7-01-63	99.5	105.5	4715	045/09W-07004 S	205.0	7-01-63	99.5	105.5	4715
		7-15-63	109.0*	96.0				7-15-63	109.0*	96.0	
		7-29-63	116.2*	88.8				7-29-63	116.2*	88.8	
		8-05-63	113.5	91.5				8-05-63	113.5	91.5	
		8-19-63	122.7*	82.3				8-19-63	122.7*	82.3	
		9-02-63	109.2	95.8				9-02-63	109.2	95.8	
		9-16-63	100.0	105.0				9-16-63	100.0	105.0	
		10-07-63	99.0	106.0				10-07-63	99.0	106.0	
		10-21-63	99.2	105.8				10-21-63	99.2	105.8	
		11-04-63	99.0	106.9				11-04-63	99.0	106.9	
		11-11-63	99.3	105.7				11-11-63	99.3	105.7	
		12-02-63	99.3	105.7				12-02-63	99.3	105.7	
		1-06-64	99.8	105.2				1-06-64	99.8	105.2	
		1-20-64	96.8	108.4				1-20-64	96.8	108.4	
		1-20-64	86.4	118.6				1-20-64	86.4	118.6	
(CONT.)						(CONT.)					

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0 EAST COASTAL PLAIN HYDRO SUBAREA						Y-01-A1					
04S/09W-07004 S	205.0	(CONT.)	94.5	110.5	4715	04S/09W-08C01 S	229.0	11-26-63	12.9	216.1	5102
		2-03-64	100.2	104.8				1-24-64	13.1	215.9	
		3-02-64	100.0*	105.0				2-27-64	13.1	215.9	
		3-16-64	96.7	108.3				4-24-64	15.4	213.6	
		3-30-64	93.6	111.4				5-19-64	14.6	214.4	
		4-13-64	90.5	114.5				6-23-64	11.5	217.5	
		4-27-64	91.9	113.1				4-24-64	180.6	89.4	5102
		5-04-64	92.2	112.8				5-19-64	180.2	89.8	
		5-18-64	93.9	111.1				6-23-64	180.3	89.7	
		6-01-64	94.0	111.0				7-25-63	154.5	76.5	5102
		6-15-64	94.3	110.7				8-22-63	157.7	75.3	
04S/09W-07005 S	205.0	7-01-63	132.5*	72.5	4715	04S/09W-17001 S	231.0	9-19-63	157.0	78.0	
		7-15-63	141.7*	63.3				10-22-63	155.4	75.6	
		7-29-63	147.5*	57.5				11-26-63	153.9	77.1	
		8-05-63	116.5	86.5				12-20-63	153.0	78.0	
		8-19-63	154.7P	50.3				1-24-64	152.1	78.9	
		8-26-63	108.3	95.7				2-27-64	152.0	78.0	
		9-13-63	101.3	103.7				4-26-64	153.0	78.5	
		10-07-63	100.8	104.0				5-19-64	151.1	79.9	
		10-22-63	101.0	103.8				6-23-64	150.6	80.4	
		11-06-63	103.0	103.0				7-01-63	109.3	87.7	4715
		11-11-63	101.7	103.3				7-15-63	113.9*	83.1	
		12-02-63	102.3	102.7				7-29-63	119.7*	77.3	
		12-16-63	102.7	102.3				8-12-63	126.2*	70.8	
		1-06-64	100.7	104.3				8-26-63	118.2*	78.8	
		1-20-64	89.3	115.7				9-02-63	115.5*	81.5	
		2-03-64	97.3	107.7				9-16-63	112.3*	84.7	
		2-17-64	103.6*	101.4				10-07-63	111.6	85.4	
		3-02-64	103.9*	101.1				10-22-63	110.1	86.9	
		3-16-64	101.4*	103.6				11-07-63	110.8*	86.7	
		3-30-64	96.7	108.3				12-02-63	109.8	87.2	
		4-06-64	91.8	113.2				12-16-63	109.6	87.4	
		4-20-64	93.0	112.0				1-06-64	110.1	86.9	
		5-04-64	94.9	110.1				1-20-64	103.6	93.4	
		5-18-64	96.5	108.5				2-03-64	105.6	91.4	
		6-01-64	96.8	108.2				2-17-64	110.3	86.7	
		6-15-64	96.5	108.5				3-02-64	111.4	85.6	
04S/09W-08C01 S	229.0	8-22-63	31.0	198.0	5102			3-16-64	112.3	88.7	
		9-19-63	21.6	207.4				3-30-64	107.0	90.0	
		10-22-63	13.1	215.9				4-06-64	103.7	93.3	
		(CONT.)						(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01.00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01.00 EAST COASTAL PLAIN HYDRO SUBAREA											
04S/09W-18C01 S	197.0	(CONT.) 4-20-64 5-04-64 5-18-64 6-01-64 6-15-64	103.8 105.6 107.2 107.7 106.9	93.2 91.4 89.8 89.3 90.1	4715	04S/09W-18F01 S	195.0	10-07-63 10-14-63 11-04-63 11-11-63 12-02-63 12-16-63	110.0 110.8 109.2 108.0 107.9 107.8	85.0 84.2 85.8 87.0 87.1 86.4	4715
04S/09W-18C02 S	201.0	7-01-63 7-15-63 7-29-63 8-12-63 8-19-63 8-26-63 9-09-63 9-16-63 9-30-63 10-08-63 10-28-63 11-04-63 11-11-63 11-19-63 12-02-63 12-16-63	109.0 114.7* 120.8* 124.8* 126.5* 117.5* 112.1 112.0 111.5 110.4 111.3 110.2 110.3 110.2 109.2 108.2	92.0 86.3 80.2 76.2 74.5 83.5 88.9 89.0 89.5 90.6 89.7 90.8 90.7 89.8 97.4 94.8	4715	04S/09W-18H01 S	195.0**	7-02-63 7-15-63 8-02-63 8-15-63 9-06-63 9-17-63 10-01-63 10-15-63 11-01-63 11-19-63 12-03-63 12-13-63 1-03-64 1-10-64 2-07-64 2-18-64 3-03-64 3-13-64 4-03-64 4-15-64 5-06-64 5-13-64 6-03-64 6-17-64	80.6 89.6 92.8 97.8* 98.6* 105.4 86.2 85.8 84.0 82.6 82.8 82.8 86.1* 86.6* 91.0* 93.9* 98.3 98.3 99.0* 99.2 97.5 90.6 85.1 83.3	5102	
04S/09W-18F01 S	195.0	7-01-63 7-15-63 7-29-63 8-12-63 8-19-63 8-26-63 9-09-63 9-16-63 9-30-63 10-08-63 10-28-63 11-04-63 11-11-63 11-19-63 12-02-63 12-16-63	107.0 111.1 116.3 120.8 125.3 115.3 110.9 110.8 111.5 110.4 111.3 110.2 110.3 110.2 109.2 108.2	88.0 83.9 78.7 74.2 79.7 81.7 84.0 84.1	4715						
SANTA ANA RIVER HYDRO UNIT Y-01.00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01.00 EAST COASTAL PLAIN HYDRO SUBAREA											
04S/09W-18F01 S	195.0	(CONT.) 4-20-64 5-04-64 5-18-64 6-01-64 6-15-64	103.8 105.6 107.2 107.7 106.9	93.2 91.4 89.8 89.3 90.1	4715	04S/09W-18H01 S	195.0**	7-02-63 7-15-63 8-02-63 8-15-63 9-06-63 9-17-63 10-01-63 10-15-63 11-01-63 11-19-63 12-03-63 12-13-63 1-03-64 1-10-64 2-07-64 2-18-64 3-03-64 3-13-64 4-03-64 4-15-64 5-06-64 5-13-64 6-03-64 6-17-64	110.0 110.8 109.2 108.0 107.9 107.8	85.0 84.2 85.8 87.0 87.1 86.4	5102

** Approximate ground surface elevation

* Questionable measurement

P Pumping measurement

A Air-gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0 EAST COASTAL PLAIN HYDRO SUBAREA						LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0 EAST COASTAL PLAIN HYDRO SUBAREA					
04S/09W-18Q01 S	183.8	7-25-63 9-19-63 10-22-63 11-26-63 12-20-63 1-24-64 2-27-64 4-26-64 5-19-64 6-23-64	83.3 87.2 101.8 78.9 91.1 104.7 101.6 96.0 91.1 91.4 104.8	100.5 96.6 101.8 104.9 104.7 101.6 96.0 91.1 91.4 104.8	5102	04S/09W-22R01 S	331.9	4-24-64 5-19-64 6-23-64	278.0 276.2 275.9	53.9 53.7 56.0	5102
04S/09W-19D01 S	177.7	8-22-63 9-19-63 10-22-63 11-26-63 12-20-63 1-24-64 3-26-64 4-24-64 5-19-64 6-23-64	109.3 101.3 98.0 98.4 95.2 98.9 96.9 97.6 96.7	68.4 76.4 77.9 79.3 82.5 78.8 80.8 80.1 81.0	5102	04S/09W-28H02 S	290.0	7-01-63 7-15-63 7-29-63 8-12-63 8-26-63 9-09-63 9-16-63 10-07-63 10-21-63 11-04-63 11-11-63 12-02-63 12-16-63 1-06-64 2-20-64 3-07-64 3-22-64 3-16-64	243.0 244.2 313.0P 246.7 315.3P 247.3 244.5 239.9 238.1 240.0 235.6 235.6 234.5 235.0 235.0 235.3 232.5 232.5	47.0 46.8 -23.0 43.3 -25.3 42.7 45.5 50.1 51.9 50.0 54.4 53.8 54.4 55.5 51.9 51.7 51.5 51.5	4715
04S/09W-22M01 S	317.4	7-25-63 8-22-63 9-19-63 10-22-63 11-26-63 12-20-63 1-24-64 2-27-64 3-26-64 4-24-64 5-19-64 6-23-64	267.9 292.5 278.6 269.0 262.7 256.1 253.2 253.9 256.4 252.3 254.7 234.7	49.5 24.9 38.8 48.4 54.7 61.3 62.2 63.5 61.0 63.1 62.7	5102	04S/09W-22R01 S	331.9	7-25-63 9-19-63 10-22-63 11-26-63 12-20-63 1-24-64 2-27-64 3-26-64 4-24-64 5-19-64 6-23-64	292.1 288.6 285.4 281.3 281.7 282.6 280.7 276.8	39.8 43.3 46.5 50.2 49.3 51.2 55.1	5102

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. Water Surface Elevation in Feet	Agency Supplying Data	State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. Water Surface Elevation in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT									
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0									
EAST COASTAL PLAIN HYDRO SUBAREA Y-01-A1									
04S/09W-30E01 S	159.4	7-03-63	99.9	59.5	5102	300.0	10-28-63	169.1	30.9
		7-17-63	99.8	59.6			11-11-63	165.0	35.0
		8-07-63	101.8	57.6			12-02-63	162.8	37.2
		8-14-63	102.2	57.2			12-16-63	162.6	37.4
		9-04-63	102.3	57.1			1-06-64	163.0	37.0
		9-18-63	101.6	57.8			1-20-64	163.1	36.9
		10-12-63	103.2	58.2			2-03-64	159.8	40.2
		11-06-63	108.5	59.2			2-17-64	161.0	39.0
		11-16-63	108.5	59.9			3-12-64	161.8	37.2
		11-20-63	98.9	62.5			3-16-64	166.8	39.2
		12-04-63	96.4	63.0			4-06-64	159.0	41.2
		12-18-63	95.8	63.4			4-20-64	159.5	40.9
		1-08-64	96.0	63.4			5-04-64	162.3	37.7
		1-15-64	95.4	64.0			5-18-64	161.4	38.6
		2-05-64	93.7	65.7			6-01-64	163.5	36.5
		2-19-64	94.5	64.9			6-15-64	162.3	37.7
		3-04-64	95.1	64.3					
		3-18-64	96.0	63.4					
		4-01-64	94.7	64.7					
		4-15-64	94.8	64.6					
		5-06-64	94.9	64.5					
		5-20-64	94.6	64.8					
		6-03-64	94.5	64.9					
		6-17-64	94.0	65.4					
04S/09W-30R01 S	262.1	9-19-63	223.3	38.8	5102	226.0**	7-01-63	234.0P	-8.0
		10-22-63	222.1	40.0			7-15-63	205.5	20.5
		11-26-63	216.0	46.1			7-29-63	207.7	18.3
		12-20-63	216.1	46.0			8-12-63	204.8	21.2
		1-24-64	214.7	47.4			8-26-63	210.0	16.0
		2-27-64	215.6	49.5			9-09-63	203.7	22.3
		4-26-64	210.3	51.2			9-16-63	206.0	20.0
		5-19-64	212.3	49.8			9-24-63	195.7	30.3
		6-23-64	219.8*	42.3			10-08-63	196.4	29.6
04S/09W-32K01 S	200.0	7-01-63	243.7P	-63.7	4715	200.0	10-21-63	191.1	34.9
		7-08-63	188.8	11.2			11-04-63	196.2	29.8
		7-29-63	235.5P	-35.5			11-11-63	188.8	37.2
		8-12-63	178.7	21.3			12-09-63	189.5	40.5
		8-26-63	247.2P	-47.2			12-24-63	183.2	40.8
		9-09-63	177.0	23.0			1-20-64	187.0	41.9
		9-30-63	177.0	23.0			2-09-64	183.1	42.8
		10-14-63	172.0	28.0			2-17-64	184.8	41.2
							3-02-64	186.6	39.4
							3-16-64	186.5	39.5
							4-06-64	184.5	43.8
							4-20-64	182.7	43.3
							5-08-64	186.9	39.1
							5-18-64	187.9	38.1
							(CONT.)		

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0											
EAST COASTAL PLAIN HYDRO SUBAREA Y-01-A1											
04S/09W-33W01 S	226.0**	5-19-64 6-01-64 6-15-64 6-23-64	187.6 190.8 188.5 189.6	38.4 35.2 37.5 36.4	5102	06S/10W-12J02 S	193.0**	9-03-63 10-01-63 12-03-63	97.1 96.3 106.5	95.9 96.7 106.5	5102
04S/10W-11002 S	171.0**	7-31-63 8-31-63 9-30-63 10-31-63 11-30-63 12-31-63 1-31-64 2-28-64 3-31-64 4-30-64 5-31-64 6-30-64	110.3 95.0 112.8 88.7 104.7 102.2 97.3 101.9 99.1 98.8 100.7 90.2	60.7 76.0 98.2 82.3 66.3 68.8 73.3 69.1 71.9 72.2 70.3 80.8	4210	06S/10W-13B02 S	185.0	8-01-63 9-03-63 10-01-63 11-01-63 12-03-63 1-03-64 2-04-64 3-03-64 4-02-64 5-05-64 6-02-64	105.1 108.5 102.5 99.6 98.1 99.6 95.0 105.4** 106.5* 96.0 97.0	79.9 76.5 82.5 85.4 85.4 90.0 79.6 78.5 89.0 88.0	5102
04S/10W-12A01 S	200.0	8-01-63 9-03-63 10-01-63 11-01-63 12-03-63 2-04-64 3-03-64 4-02-64 5-05-64 6-02-64	102.2 103.3 101.4 98.6 99.0 97.0* 94.5 107.8 106.0 93.9	97.8 96.7 101.0 103.0 105.5 108.1 109.8 108.0 108.0	5102	06S/10W-13G01 S	187.8	7-02-63 8-01-63 9-03-63 10-01-63 11-01-63 12-03-63 1-03-64 2-03-64 3-03-64 4-02-64 5-05-64 6-02-64	86.5 96.5 100.9* 92.0* 88.3 87.5 93.9 97.9 97.9 102.2* 93.4* 88.7	101.3 91.3 86.9 95.8 99.5 100.3 97.9 97.6 97.6 99.4 99.1	5102
04S/10W-12C01 S	197.7	7-31-63 8-31-63 9-30-63 10-31-63 11-30-63 12-31-63 1-31-64 2-28-64 3-31-64 4-30-64 5-30-64 6-30-64	114.9 115.5 112.5 123.4* 107.4 106.6 102.4 104.0 104.4 102.4 103.3 106.3	82.8 82.2 85.2 74.3 90.3 93.1 95.3 93.7 93.3 94.4 91.4	4210	06S/10W-14D02 S	166.4	7-31-63 8-31-63 9-30-63 10-31-63 11-30-63 12-31-63 1-31-64 2-28-64 3-31-64 4-30-64 5-31-64	108.6 114.2 92.6 106.7 104.7 103.7 108.5 108.2 107.7 101.1 103.4	57.8 52.2 73.8 59.7 61.7 62.7 67.9 64.4 65.7 65.3 63.0	4210
04S/10W-12J02 S	193.0**	8-01-63 (CONT.)	92.0	101.0	5102	(CONT.)					

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. (in Feet)	Date	Dist. G. S. to Water Surface (in Feet)	Water Surface Elevation (in Feet)	Agency Supplying Data	State Well Number	G. S. Elev. (in Feet)	Date	Dist. G. S. to Water Surface (in Feet)	Water Surface Elevation (in Feet)	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-00						EAST COASTAL PLAIN HYDRO SUBAREA Y-01-01					
04S/10W-14D02 S	166.4	6-30-64	105.7	60.7	4210	04S/10W-15B01 S	152.6	2-28-64	116.7*	35.9	4210
(CONT.)											
04S/10W-14H01 S	173.2	8-01-63	100.5*	72.7	5102	04S/10W-15B02 S	153.4	7-31-63	115.7	31.7	4210
10-01-63	98.2*	75.0	11-01-63	93.2	80.0	9-30-63	138.5*	18.9	10-31-63	109.2	44.2
12-03-63	91.4	81.8	1-03-64	93.1*	80.1	11-30-63	108.2	45.2	12-31-63	105.8	46.6
2-04-64	88.1	85.1	3-03-64	92.6*	80.6	3-31-64	102.8	20.6	3-31-64	102.8	20.6
4-02-64	89.7*	83.5	7-31-63	110.7	62.7	4-30-64	104.8	49.6	5-30-64	108.4	45.0
04S/10W-14H02 S	173.4	8-31-63	113.9	64.5	4210	6-30-64	110.5	42.9	7-31-63	131.0*	22.7
9-30-63	113.9	61.7	10-31-63	104.4	61.0	8-31-63	111.0	4.7	9-30-63	125.5*	28.2
11-30-63	102.2	71.2	12-31-63	86.3	85.1	10-31-63	101.7	50.0	11-30-63	101.5	5.2
1-31-64	98.6	74.8	2-28-64	102.1	71.3	12-31-63	100.3	53.4	1-31-64	99.5	54.2
3-31-64	100.9	72.5	4-30-64	98.5	74.9	3-30-64	99.1	54.6	4-30-64	99.0	54.7
5-30-64	102.8	70.6	6-30-64	104.8	68.6	04S/10W-15J04 S	152.0**	1-13-64	104.0	48.0	5102
04S/10W-14M01 S	163.1	7-31-63	104.4	58.7	4210	2-03-64	101.8	50.2	2-24-64	105.0	47.0
8-31-63	107.6	55.5	9-30-63	101.8	61.3	3-09-64	105.0	47.0	3-16-64	103.7	48.3
10-31-63	125.6*	37.5	11-30-63	102.8	60.3	3-30-64	102.7	50.3	4-13-64	101.8	50.2
12-31-63	95.5	67.6	1-31-64	110.7	52.4	5-11-64	101.8	47.4	6-01-64	106.0	46.0
2-28-64	94.4	68.7	3-31-64	102.0	61.1	6-22-64	105.4	46.6	7-31-63	88.7	27.4
4-30-64	92.4	70.7	5-31-64	96.3	66.8	04S/10W-17J02 S	116.1	7-31-63	108.0*	8.1	4210
6-30-64	97.4	63.7	8-31-63	115.2	37.4	9-30-63	90.3	25.8	9-30-63	90.3	25.8
9-30-63	111.1	41.5	10-31-63	102.6	50.0	(CONT.)					
11-30-63	99.6	53.0	12-31-63	101.6	51.0	(CONT.)					
1-31-64	94.1	58.5	(CONT.)								

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. to S. Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. to S. Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01.00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01.A0 EAST COASTAL PLAIN HYDRO SUBAREA						LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01.A0 EAST COASTAL PLAIN HYDRO SUBAREA					
Y-01.A1											
04S/10W-17J02 S	116.1	(CONT.)	108.0*	8.1	4210	04S/10W-22L02 S	136.0**	1-10-64	103.2	32.8	5102
		12-31-63	93.1	23.0				2-13-64	101.4	34.6	
		1-31-64	93.8	22.3				3-10-64	100.9	35.1	
		2-28-64	90.3	25.8				4-09-64	99.6	36.4	
		3-30-64	89.2	26.9				5-08-64	98.8	37.2	
		4-30-64	87.8	28.5							
		5-30-64	84.0	22.1							
		6-30-64	88.3	27.8							
04S/10W-17L02 S	110.6	7-31-63	91.2	19.4	4210	04S/10W-23B02 S	165.0	7-31-63	106.4	58.6	4210
		8-31-63	101.1	9.5				8-31-63	109.1	55.9	
		9-30-63	107.8	2.8				9-30-63	105.5	59.5	
		10-31-63	107.6	3.0				10-31-63	98.3	66.7	
		11-30-63	107.8	2.8				11-30-63	111.3	53.7	
		12-31-63	97.8	12.8				1-31-64	112.4	23.6	
		1-31-64	81.3	29.3				2-28-64	99.6	38.4	
		2-28-64	80.1	30.5				3-28-64	97.8	40.8	
		3-31-64	79.1	31.5				4-30-64	97.8	41.8	
		4-30-64	78.9	31.7				5-30-64	98.3	66.7	
		5-31-64	88.9	21.7				6-30-64	100.0	65.0	
		6-30-64	78.7	31.9							
04S/10W-17G01 S	112.0**	8-02-63	106.0	6.0	5102	04S/10W-23H01 S	163.0	7-02-63	63.4	99.6	5102
		9-05-63	101.7	10.3				8-01-63	63.2	99.8	
		10-03-63	100.6	11.4				9-03-63	60.9	102.1	
		11-05-63	98.2	13.8				10-01-63	61.6	101.4	
		12-05-63	95.4	16.6				11-01-63	63.8	99.2	
		1-07-64	93.7	18.3				12-03-63	66.1	96.9	
		2-06-64	91.5	20.5				1-03-64	67.0*	96.0	
		3-05-64	90.7	21.3				2-04-64	67.4	95.6	
		4-03-64	89.0	23.0				3-03-64	66.4	96.6	
		5-07-64	88.4	23.6				4-02-64	65.1	97.9	
		6-04-64	88.7	23.3				5-05-64	65.9*	97.1	
04S/10W-21F01 S	118.0**	5-07-64	95.5	22.5	5102	04S/10W-23R01 S	153.5**	7-02-63	85.7	67.8	5102
		6-04-64	95.2	22.8				8-01-63	89.0	64.5	
04S/10W-22L02 S	136.0**	7-11-63	110.3	25.7	5102			9-03-63	90.1	63.4	
		8-08-63	110.3	25.7				10-01-63	87.7	65.8	
		9-10-63	109.9	26.1				12-03-63	81.5	72.0	
		10-10-63	108.9	27.1				2-04-64	78.6	74.7	
		11-14-63	106.5	29.5				3-03-64	76.4	73.1	
		12-10-63	104.4	31.6				4-02-64	79.6	71.6	
		(CONT.)						5-03-64	81.6	71.7	

* Questionable measurement

** Approximate ground surface elevation

P. Pumping measurement

(CONT.)

A. Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01.00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01.A0 EAST COASTAL PLAIN HYDRO SUBAREA											
04S/10W-24B03 S	172.0**	(CONT.) 2-04-64 3-03-64 4-02-64 5-05-64	96+5 100+4 97+3 98+7	75+5 71+6 74+7 73+3	5102	04S/10W-25E01 S	144+5	6-01-64 6-15-64	86+2 85+8	58+3 58+7	5102
04S/10W-24R02 S	160.0**	7-30-63 8-19-63 9-16-63 9-30-63 10-14-63 10-28-63 11-18-63 12-02-63 12-16-63 1-06-64 1-13-64 2-11-64 3-09-64 3-16-64 4-20-64 5-25-64 6-08-64 6-22-64	97+0 100+3* 100+5* 94+5* 94+4* 91+6* 89+4 88+9 88+5 89+8* 86+5 84+9 89+7* 89+6 86+2 88+8* 87+1*	63+0 59+7 59+5 65+5 65+6 68+4 70+6 71+1 71+5 70+2 71+5 72+4 71+1 70+3 70+4 73+8 72+2 71+2 72+9	5102	04S/10W-27C02 S	129.0**	7-11-63 8-08-63 9-10-63 11-14-63 12-10-63 1-10-64 2-13-64 3-10-64 4-09-64 5-08-64 6-11-64	107+9 107+5 107+2 104+8 102+8 101+1 99+2 98+3 97+2 97+7 96+6	21+1 21+5 22+6 24+2 26+2 27+9 29+8 30+7 31+8 32+5 33+3	5102
04S/10W-25E01 S	144+5	7-08-63 7-15-63 7-29-63 8-19-63 9-16-63 9-30-63 10-28-63 11-04-63 11-18-63 12-02-63 12-16-63 1-13-64 1-30-63 2-03-64 3-12-64 3-20-64 4-13-64	92+4 92+8 94+6 95+6 95+5 94+7 92+0 91+6 89+6 88+2 87+4 87+2 87+3 85+5 86+6 87+6 87+9	52+1 51+7 49+9 49+0 48+9 49+8 52+5 52+9 54+9 56+3 57+1 57+3 57+2 59+0 57+6 56+9 56+6	5102	04S/10W-28M02 S	108.0**	1-10-64 2-13-64 3-10-64 4-09-64 5-08-64 6-11-64	95+3 93+1 92+2 90+5 89+8 89+4	12+7 14+9 15+8 17+5 18+2 18+6	5102
04S/10W-31B02 S	80.0	7-11-63 8-08-63 9-10-63 10-10-63 11-10-63 12-10-63 1-10-64 2-10-64 3-10-64 4-09-64 5-08-64 6-11-64	86+7 86+7 87+1 83+2 78+7 74+7 74+7 72+5	86+7 86+7 87+1 83+2 78+7 74+7 74+7 72+5	5102						
SANTA ANA RIVER HYDRO UNIT Y-01.00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01.A0 EAST COASTAL PLAIN HYDRO SUBAREA											
04S/10W-25E01 S	144+5	7-11-63 8-08-63 9-10-63 10-10-63 11-14-63 12-10-63 1-10-64 2-13-64 3-10-64 4-09-64 5-08-64 6-11-64	107+9 107+5 107+2 104+8 102+8 101+1 99+2 98+3 97+2 97+7 96+6	21+1 21+5 22+6 24+2 26+2 27+9 29+8 30+7 31+8 32+5 33+3	5102						

* Questionable measurement

** Approximate ground surface elevation

P. Pumping measurement

A. Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-00						EAST COASTAL PLAIN HYDRO SUBAREA Y-01-e1					
04S/10W-31B02 S	80.0	(CONT.) 4-09-64 5-08-64 6-11-64	73.0 71.0 72.5	7.0 9.0 7.5	5102	04S/10W-35A03 S	136.0**	3-10-64 4-09-64 5-08-64 6-11-64	92.9 93.1 92.7 91.1	42.1 42.9 43.3 44.9	5102
04S/10W-32001 S	83.1	7-08-63 7-15-63 8-12-63 11-18-63 12-02-63 12-16-63 12-30-63 1-13-64 2-03-64 2-17-64 3-02-64 3-16-64 4-13-64 5-04-64 5-18-64 6-01-64 6-15-64	81.4 82.2 81.7* 76.5 75.6* 74.5* 74.0* 73.3* 71.4* 71.3* 70.2 70.5* 69.4* 68.4 68.7* 69.0* 68.6* 68.3*	1.7 0.9 1.4 6.6 7.5 8.6 9.1 9.8 11.7 11.8 12.9 13.7 14.4 14.1 13.5 14.2	5102	04S/10W-35K01 S	121.0	8-08-63 9-10-63 12-10-63 1-10-64 2-13-64 3-10-64 4-09-64 5-08-64 6-11-64	102.6 103.6 96.3 93.2 93.2 93.8 90.8 90.4 89.6	18.4 17.4 26.7 27.8 27.2 30.2 30.6 31.4	5102
04S/10W-34003 S	95.9	7-11-63 8-08-63 9-10-63 10-10-63 11-14-63 1-10-64 2-13-64 3-10-64 4-09-64 5-08-64 6-11-64	83.7 85.4 85.1 84.1 81.3 77.7 75.7 74.8 74.0 73.8 72.2	12.2 11.5 10.8 11.8 14.6 18.2 20.2 21.1 21.9 22.1 23.7	5102	04S/11W-10M01 S	53.0**	5-27-64 6-15-64 6-29-64	63.1 62.9 66.4	-10.1 -9.9 -13.4	5102
04S/10W-35A03 S	136.0**	7-11-63 8-08-63 9-10-63 10-10-63 11-14-63 1-10-64 2-13-64 3-10-64 4-09-64 5-08-64 6-11-64	100.0 100.4 101.4 100.2 96.6 94.1 93.5 92.1	36.0 35.6 34.6 35.8 35.4 42.5 42.5 43.9	5102	04S/11W-24A03 S	83.0**	4-22-64 5-07-64 6-09-64	67.9* 66.3* 67.1	15.1 16.7 15.9	5102
04S/11W-26B01 S	59.8	7-09-63 8-06-63 9-06-63 10-04-63 11-08-63 12-06-63 1-09-64 (CONT.)	55.6 56.9 54.8 53.3 49.7 47.3* 47.0	59.8 2.9 5.0 6.5 10.1 12.5 12.8		04S/11W-10M03 S	67.0**	12-16-63 12-23-63 2-27-64 3-27-64 4-28-64 5-26-64 6-26-64	51.0* 40.7 52.7 51.0 55.7 58.0 62.4	16.0 16.3 10.3 10.3 11.3 9.0 4.6	5102
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-00						EAST COASTAL PLAIN HYDRO SUBAREA Y-01-e1					
04S/10W-31B02 S	80.0	(CONT.) 4-09-64 5-08-64 6-11-64	73.0 71.0 72.5	7.0 9.0 7.5	5102	04S/11W-01N01 S	88.0**	12-30-63 2-07-64 4-09-64 6-09-64	69.3* 65.3 64.1 69.9	18.7 22.7 23.9 18.1	5102
04S/10W-32001 S	83.1	7-08-63 7-15-63 8-12-63 11-18-63 12-02-63 12-16-63 12-30-63 1-13-64 2-03-64 2-17-64 3-02-64 3-16-64 4-13-64 5-04-64 5-18-64 6-01-64 6-15-64	81.4 82.2 81.7* 76.5 75.6* 74.5* 74.0* 73.3* 71.4* 71.3* 70.2 70.5* 69.4* 68.4 68.7* 69.0* 68.6* 68.3*	1.7 0.9 1.4 6.6 7.5 8.6 9.1 9.8 11.7 11.8 12.9 13.7 14.4 14.1 13.5 14.2	5102	04S/11W-10M03 S	67.0**	12-16-63 12-23-63 2-27-64 3-27-64 4-28-64 5-26-64 6-26-64	51.0* 40.7 52.7 51.0 55.7 58.0 62.4	16.0 16.3 10.3 10.3 11.3 9.0 4.6	5102
04S/10W-34003 S	95.9	7-11-63 8-08-63 9-10-63 10-10-63 11-14-63 1-10-64 2-13-64 3-10-64 4-09-64 5-08-64 6-11-64	83.7 85.4 85.1 84.1 81.3 77.7 75.7 74.8 74.0 73.8 72.2	12.2 11.5 10.8 11.8 14.6 18.2 20.2 21.1 21.9 22.1 23.7	5102	04S/11W-10M01 S	53.0**	5-27-64 6-15-64 6-29-64	63.1 62.9 66.4	-10.1 -9.9 -13.4	5102
04S/10W-35A03 S	136.0**	7-11-63 8-08-63 9-10-63 10-10-63 11-14-63 1-10-64 2-13-64 3-10-64 4-09-64 5-08-64 6-11-64	100.0 100.4 101.4 100.2 96.6 94.1 93.5 92.1	36.0 35.6 34.6 35.8 35.4 42.5 42.5 43.9	5102	04S/11W-24A03 S	83.0**	4-22-64 5-07-64 6-09-64	67.9* 66.3* 67.1	15.1 16.7 15.9	5102
04S/11W-26B01 S	59.8	7-09-63 8-06-63 9-06-63 10-04-63 11-08-63 12-06-63 1-09-64 (CONT.)	55.6 56.9 54.8 53.3 49.7 47.3* 47.0	59.8 2.9 5.0 6.5 10.1 12.5 12.8		04S/11W-10M03 S	67.0**	12-16-63 12-23-63 2-27-64 3-27-64 4-28-64 5-26-64 6-26-64	51.0* 40.7 52.7 51.0 55.7 58.0 62.4	16.0 16.3 10.3 10.3 11.3 9.0 4.6	5102

* Approximate ground surface elevation

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S.Elev. in Feet	Date	Dist.G.S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT					
Y-01-00					
LOWER SANTA ANA RIV HYDRO SUBUNIT					
EAST COASTAL PLAIN HYDRO SUBAREA					
Y-01-01					
04S/11W-26B01 S	59.8	(CONT.) 2-07-64 3-06-64 4-09-64 5-07-64 6-09-64	45.3 46.7 45.6 46.2 48.8	14.5 13.1 14.2 13.6 11.0	5102
04S/11W-26J01 S	66.0**	12-02-63 12-16-63 12-30-63 1-13-64 1-27-64 2-17-64 3-02-64 3-09-64 3-30-64 4-13-64 5-04-64 5-18-64 6-01-64 6-15-64	50.1* 49.7 51.5 51.4 46.6 50.9 51.0 51.6 50.4 50.8 52.5 54.5 56.7 56.7	15.9 16.3 16.5 14.6 19.4 15.1 15.0 14.4 15.6 15.2 13.5 11.5 9.3 9.3	5102
04S/11W-27J01 S	51.0**	8-06-63 9-06-63 10-04-63 11-08-63 12-08-63 1-09-64 2-07-64 3-06-64 5-07-64 6-01-64 6-09-64	60.2 56.0 51.4 43.5 36.9 41.4 38.4 41.5 41.0 40.4 46.2	-9.2 -5.0 -0.4 7.5 14.1 9.6 12.6 10.3 10.0 10.8 4.8	5102
04S/11W-33H01 S	29.5	7-09-63 8-06-63 9-06-63 10-04-63 11-08-63	29.8 32.8 28.3 30.5 23.1	-0.3 -3.3 1.2 -1.0 6.4	5102
04S/11W-35B01 S	55.4	10-04-63 11-08-63 12-06-63 1-09-64 (CONT.)	59.8 52.5 47.5 48.3	-4.4 2.9 7.9 7.1	5102
LOWER SANTA ANA RIV HYDRO SUBUNIT					
EAST COASTAL PLAIN HYDRO SUBAREA					
Y-01-01					
04S/11W-35B01 S	55.4	2-07-64 3-06-64 4-09-64 5-07-64 6-09-64	45.9 48.1 47.1 49.6 49.0	9.5 7.3 8.3 5.8 6.4	5102
05S/08W-19H01 S	254.3	7-23-63 8-20-63 9-17-63 10-15-63 11-22-63 12-17-63 1-17-64 2-20-64 3-25-64 4-21-64 5-15-64 6-18-64	180.5 181.2 181.9 179.8 179.2 174.9 173.7 172.6 171.7 171.0 170.0 169.4	73.8 73.1 72.4 74.5 75.1 79.4 80.6 81.7 82.6 83.3 84.3 84.9	5102
05S/08W-29P01 S	265.8	7-23-63 8-20-63 9-17-63 10-15-63 11-22-63 12-17-63 1-17-64 2-20-64 3-25-64 4-21-64 5-15-64 6-18-64	241.3 244.5 243.2 239.5 237.6 236.2 235.8 235.1 234.7 233.1 232.1 230.0	24.5 21.3 22.6 26.3 28.2 28.6 30.0 30.7 30.8 31.9 31.8	5102
05S/08W-31K01 S	219.7	8-20-63 9-17-63 10-15-63 11-01-63 11-22-63 12-17-63 1-17-64 2-20-64 3-01-64 3-25-64 4-21-64 6-18-64	217.9 213.2 210.5* 211.5 203.2 197.7 205.1* 204.6 201.5 208.6 206.1 200.2	1.8 6.5 9.2 8.2 16.5 22.0 14.6 15.1 18.2 11.1 13.6 19.5	5102

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0 EAST COASTAL PLAIN HYDRO SUBAREA Y-01-A1											
055/08W-32L01 S	274.4	3-08-64	234.0	40.4	4709	055/09W-10G01 S	180.4	11-13-63	157.3	23.1	5102
055/08W-33A01 S	439.0	11-01-63	304.2	408.8	4709			12-04-63	192.9	27.5	
		3-12-64	284.2	410.8				12-18-63	151.1	29.3	
055/09W-08B02 S	171.0**	9-19-63	143.5	27.5	5102			1-08-64	150.0	30.4	
		1-22-63	136.4	34.6				2-05-64	146.8	33.6	
		11-26-63	131.0	40.0				3-18-64	146.6	33.8	
		12-20-63	128.5	42.5				3-04-64	148.5	31.9	
		1-24-64	127.7	43.3				4-01-64	147.8	32.6	
		3-26-64	130.2	40.8				1-15-64	147.9	32.5	
		4-24-64	129.4	41.6				5-06-64	148.5	31.9	
055/09W-09M01 S	150.0	7-25-63	109.0	41.0	5102			5-20-64	152.0	28.4	
		9-16-63	109.8	40.2				6-03-64	152.2	28.2	
		10-22-63	108.5	41.5				6-11-64	151.7	28.7	
		11-26-63	108.5	41.5				11-01-63	65.5	57.6	4709
		12-20-63	105.9	43.1		055/09W-14G01 S	123.1	3-30-64	75.8	47.3	
		1-25-64	104.3	44.6				7-23-63	105.0*	2.3	5102
		2-27-64	104.3	45.7				7-23-63	105.0	2.3	
		3-26-64	102.8	46.7				9-17-63	102.7	4.6	
		4-24-64	102.2	47.8				10-15-63	95.9	11.4	
		5-19-64	102.7	47.3				11-01-63	78.8	28.5	4709
		6-23-64	102.5	47.5				11-22-63	81.5	25.8	5102
055/09W-10C01 S	189.1	7-25-63	169.6	19.5	5102			12-17-63	76.2	31.1	
		10-22-63	166.9	22.2				1-17-64	77.4	29.9	
		11-26-63	162.2	26.9				2-20-64	75.4	31.9	
		12-20-63	158.6	30.5				3-25-64	86.5	20.8	
		1-24-64	156.1	33.0				3-30-64	88.0	19.3	4709
		3-26-64	154.5	34.6				4-21-64	76.8	30.5	5102
		4-24-64	152.8	36.3				6-18-64	81.8	25.5	
		6-23-64	156.6	32.5		055/09W-15R03 S	96.7	7-23-63	31.3	65.4	5102
055/09W-10G01 S	180.4	7-03-63	160.8	19.6	5102			10-17-63	31.2	65.5	
		7-17-63	163.1	17.3				11-22-63	30.1	66.6	
		8-07-63	165.9	14.5				12-17-63	28.9	67.8	
		8-14-63	165.5	15.1				1-17-64	28.9	67.8	
		9-04-63	165.7	14.7				2-20-64	28.9	67.8	
		9-18-63	165.5	14.8				3-23-64	27.2	69.5	
		10-02-63	162.5	18.9				5-21-64	27.8	68.9	
		11-06-63	164.7	15.7				6-18-64	27.8	68.9	
		11-06-63	158.7	21.7							

* Questionable measurement

** Approximate ground surface elevation

P. Pumping measurement

A. Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01.00											
EAST COASTAL PLAIN HYDRO SUBAREA Y-01.01											
055/09W-16802 S	127.0	9-17-63	116.1	10.9	5102	055/09W-21801 S	94.8	1-23-64	69.6	25.2	5102
		10-15-63	122.7*	4.3				2-25-64	79.1	13.7	
		11-22-63	106.3*	20.7				3-30-64	95.8	31.0	4709
		12-11-63	119.5*	7.5				4-12-64	79.6	19.2	5102
		2-20-64	112.3*	14.7				6-16-64	77.1	17.9	
		3-25-64	96.7	30.3		055/09W-21P02 S	75.5	7-16-63	17.2	58.3	5102
		4-21-64	109.4*	17.6				8-13-63	16.7	58.8	
		5-15-64	116.7*	10.3				9-13-63	16.7	58.8	
		6-18-64	115.7*	11.3				11-19-63	18.1	57.4	
								12-13-63	17.7	57.8	
055/09W-16602 S	110.0	7-03-63	135.0P	-25.0	5721			1-23-64	17.1	58.4	
		8-02-63	111.0A	-1.0				2-25-64	17.4	58.1	
		8-31-63	141.0P	-31.0				3-17-64	17.4	58.1	
		10-24-63	123.0P	-13.0				4-15-64	17.1	58.4	
		12-30-63	79.0A	31.0				5-12-64	16.8	58.7	
		2-26-64	114.0P	-4.0				6-16-64	16.5	59.0	
		4-29-64	121.0P	-11.0		055/09W-22A02 S	86.8	11-01-63	58.0	28.8	4709
		6-27-64	105.0P	5.0				3-02-64	74.0	12.8	
055/09W-16603 S	107.0	7-03-63	173.0P	-66.0	5721			7-03-63	133.0A	-53.0	5721
		8-02-63	163.0P	-56.0				8-02-63	134.0A	-54.0	
		8-31-63	184.0P	-77.0				8-31-63	133.0A	-53.0	
		10-24-63	103.0A	4.0				10-24-63	132.0A	-52.0	
		12-30-63	80.0A	27.0				12-30-63	131.0A	-51.0	
		2-26-64	94.0A	13.0				2-26-64	130.0A	-50.0	
		4-29-64	129.0P	-22.0				4-29-64	130.0A	-50.0	
		6-27-64	165.0P	-56.0				6-27-64	131.0A	-51.0	
055/09W-19801 S	86.6	7-16-63	76.8	9.8	5102			11-01-63	48.2	18.8	4709
		8-13-63	79.7	6.9				3-21-64	63.5	34.5	
		9-13-63	76.9	9.7				11-01-63	84.3	34.4	4709
		10-08-63	67.9	18.7				3-21-64	87.0	31.7	
		11-19-63	59.7	26.9		055/09W-23A01 S	118.7	11-01-63	84.3	34.4	4709
		12-13-63	56.5	30.1				9-17-63	64.4	12.6	5102
		1-23-64	59.1	27.5				10-15-63	65.5	11.7	
		2-25-64	63.4	23.2				11-01-63	51.0	26.7	4709
		3-17-64	61.9	24.7				11-22-63	56.2	21.0	5102
		5-12-64	64.3	22.3				12-17-63	48.3	28.9	
		6-16-64	61.8*	24.8				2-20-64	51.1	26.1	4709
055/09W-21801 S	94.8	10-08-63	86.5	8.3	5102			3-21-64	67.0	10.7	4709
		11-01-63	78.2	16.6	4709			3-25-64	62.3	14.9	5102
		12-13-63	67.3	27.5	5102			(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air-gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	
SANTA ANA RIVER HYDRO UNIT Y-01+00												
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01+00						EAST COASTAL PLAIN HYDRO SUBAREA Y-01+01						
05S/09W-23N01 S	77.2	(CONT*) 4-21-64 5-15-64 6-18-64	54.1	23.1 28.6 27.4	5102	05S/09W-29M01 S	52.8	3-17-64 5-12-64	56.6 46.5 48.1	3-17-64 5-12-64	5102	
05S/09W-24H01 S	188.3	11-01-63 3-30-64	138.7 165.0	49.6 23.3	4709	05S/09W-29M02 S	50.0	11-01-63 3-30-64	48.6 56.6	11-01-63 3-30-64	4709	
05S/09W-25E01 S	109.9	9-17-63 11-01-63 11-01-63 11-22-63 12-17-63 2-20-64 4-03-64 4-21-64 2-13-64 6-10-64	95.9 103.7* 112.0* 81.8 84.8 101.1* 114.0* 112.6* 89.2 87.5	14.0 6.2 -2.1 18.1 25.1 8.8 -4.1 2.7 21.7 22.4	5102 4709 5102	05S/09W-30F01 S	53.8	7-16-63 8-13-63 9-13-63 10-08-63 11-19-63 12-13-63 1-23-64 2-25-64 3-17-64 4-12-64 6-16-64	25.5 27.0 26.6 25.3 24.2 23.2 22.7* 22.4 21.9 21.0 21.4 21.8	7-16-63 8-13-63 9-13-63 10-08-63 11-19-63 12-13-63 1-23-64 2-25-64 3-17-64 4-12-64 6-16-64	5102	
05S/09W-25H01 S	175.0**	7-03-63 8-02-63 8-31-63 10-24-63 12-30-63 2-26-64 4-29-64 6-27-64	225.0P 165.0A 240.0P 222.0P 130.0A 134.0A 225.0P 221.0P	-50.0 10.0 -69.0 -47.0 45.0 41.0 -50.0 -46.0	5721	05S/09W-30F02 S	53.8	12-13-63 2-25-64 3-17-64 4-15-64 5-12-64 6-16-64	44.6* 52.9 1.2 45.8 45.7 46.3	12-13-63 2-25-64 3-17-64 4-15-64 5-12-64 6-16-64	9.4 0.9 0.9 8.0 8.1 7.5	5102
05S/09W-27D01 S	67.4	11-01-63 3-21-64	44.5 5.0	62.9 62.4	4709	05S/09W-31A02 S	39.4	7-16-63 10-08-63 11-19-63 12-13-63 2-25-64 3-17-64	57.6* 39.9* 33.8 34.3 55.4* 52.8*	7-16-63 10-08-63 11-19-63 12-13-63 2-25-64 3-17-64	5102	
05S/09W-27F01 S	58.0	11-01-63 3-21-64	1.0 1.5	57.0 56.5	4709	05S/09W-31B01 S	40.4	11-01-63 3-30-64	34.5 38.2	11-01-63 3-30-64	4709	
05S/09W-28D01 S	60.0	11-01-63 3-21-64	44.5 59.5	15.5 0.5	4709	05S/09W-31M02 S	34.7	7-16-63 9-13-63 10-08-63 11-19-63 12-13-63 1-23-64 2-25-64	50.1 44.9 36.0 28.6 26.1 26.1 25.1	7-16-63 9-13-63 10-08-63 11-19-63 12-13-63 1-23-64 2-25-64	5102	
05S/09W-28E01 S	57.0	11-01-63 3-21-64	68.8 60.5	-11.8 -3.5	4709							
05S/09W-29M01 S	52.8	8-13-63 10-13-63 10-08-63 11-19-63 11-19-63	67.7 57.5 51.4 45.8	-14.9 -4.7 1.4 7.0	5102							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

(CONT*)

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. C. S. to Water Surface In Feet	Water Surface Elevation In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. C. S. to Water Surface In Feet	Water Surface Elevation In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0 EAST COASTAL PLAIN HYDRO SUBAREA Y-01-A1											
05S/09W-31M02 S	34.7	(CONT.) 1 3-17-64 4-15-64 5-12-64 6-16-64	46.4 37.0 38.5 32.2	-11.7 -2.3 -3.8 2.5	5102	05S/09W-35J01 S	99.0	4-21-64	113.2	-14.2	5102
05S/09W-32A01 S	44.3	7-16-63 9-13-63 10-08-63 11-01-63 11-19-63 12-13-63 1-23-64 3-23-64 3-30-64 4-15-64 6-16-64	54.5 50.1 45.1 51.2 40.6 38.2 38.7 37.7 45.2 45.1 47.1	-10.2 -5.8 -6.9 5.7 5.1 5.6 5.6 -7.9 3.2 -2.8	5102	05S/09W-36B01 S	157.0	7-23-63 10-15-63 11-01-63 11-22-63 12-17-63 1-17-64 2-20-64 3-01-64 4-27-64 5-15-64 6-18-64	169.9 153.2 144.0 145.8 138.8 144.5 140.6 132.0 149.6 144.5 143.5	-12.9 3.8 11.2 18.2 12.5 16.4 23.0 8.4 15.2 13.7	4709 5102
05S/09W-32L01 S	35.1	11-01-63 11-19-63 12-13-63 1-23-64 2-25-64 3-17-64 3-30-64 4-15-64 6-16-64	27.5 31.3 26.9 26.3 36.8 36.3 34.5 30.1 28.9	7.6 3.8 8.2 8.8 -1.7 -1.2 0.6 5.0 6.2	4709 5102	05S/09W-36K01 S	153.6**	7-03-63 7-17-63 8-07-63 8-14-63 9-04-63 9-18-63 10-02-63 10-16-63 11-06-63 11-13-63 12-04-63 12-18-63 12-31-63 1-15-64 1-22-64 1-29-64 2-19-64 3-04-64 3-18-64 4-01-64 4-12-64 5-03-64 5-19-64 5-27-64 6-03-64 6-17-64	147.4 163.3 161.0 158.7 161.2 156.8 144.1 143.6 135.0 135.8 128.1 127.2 126.6 131.6 131.7 127.4 132.6 132.9 141.1 141.0 133.0 129.5 129.4 137.7 132.1 129.7	6.2 -9.7 -7.4 -5.1 -7.6 -3.2 9.5 10.0 14.6 17.8 25.5 26.4 27.0 22.0 21.9 26.2 24.0 20.7 16.5 16.4 18.6 18.0 24.1 28.2 15.9 21.5 23.9	5102
05S/09W-34J01 S	67.9	9-17-63 11-01-63 11-22-63 3-29-64 4-21-64 5-15-64 6-18-64	114.5 110.0 101.5 133.0* 96.6 71.7 73.7	-46.6 -42.1 -33.6 -65.1 -28.7 -3.8 -5.8	5102 4709 5102	05S/09W-36001 S	158.0	7-23-63 9-17-63 (CONT.)	172.2* 166.8*	-14.2 -8.8	5102
05S/09W-34Q01 S	69.7	11-01-63 3-16-64	119.0 124.0	-49.3 -54.3	4709						
05S/09W-35J01 S	99.0	11-01-63 11-22-63 12-17-63 2-20-64 4-09-64 (CONT.)	109.6 118.5* 98.1 110.5 144.6*	-10.6 -19.5 0.9 -11.5 -4.5	4709 5102						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

GROUND WATER LEVELS AT WELLS

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Supplying Data	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Supplying Data	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0 EAST COASTAL PLAIN HYDRO SUBAREA Y-01-A1											
055/09W-36001 S	158.0	(CONT.)	155.2	2.8	5102	055/10W-09D01 S	75.5	2-13-64	65.2	10.3	5102
		10-15-63	166.0*	-8.0	4709			3-10-64	85.7	9.8	
		11-01-63	146.0	12.0	5102			6-11-64	64.2	11.3	
		12-17-63	139.0	19.0		055/10W-09N04 S	68.0**	3-10-64	63.1	4.9	5102
		1-17-64	146.3	11.7				5-08-64	61.7	6.3	
		2-20-64	142.0	16.0				6-11-64	62.2	5.8	
		3-25-64	160.8*	-2.8		055/10W-10A05 S	96.2	7-11-63	85.7	10.5	5102
		4-05-64	161.0*	-3.0	4709			8-08-63	85.7	10.5	
		4-21-64	154.8*	3.2	5102			9-10-63	85.1	11.1	
		5-15-64	146.8	11.2				10-10-63	84.0	12.2	
		6-18-64	143.4	14.6				11-14-63	91.6	14.6	
		7-08-63	97.1	16.9	5102			12-10-63	79.4	18.0	
		7-25-63	96.8	17.2				1-19-64	76.4	19.0	
		8-12-63	96.7	17.3				3-10-64	75.8	20.4	
		9-16-63	95.9	18.1				4-09-64	74.6	21.6	
		10-07-63	96.2	17.8				5-08-64	76.2	22.0	
		10-14-63	95.4	18.6				6-11-64	73.8	22.4	
		10-28-63	94.9	19.1		055/10W-10D04 S	84.0	7-11-63	83.2	0.8	5102
		11-18-63	93.9	20.1				8-08-63	84.1	-0.1	
		12-02-63	93.5	20.5				9-10-63	82.9	1.1	
		12-16-63	92.7	21.3				10-10-63	80.9	3.1	
		1-06-64	91.8	22.2				11-14-63	77.4	6.6	
		1-20-64	91.1	22.9				12-10-63	74.4	9.6	
		2-03-64	90.6	23.4				1-10-64	73.9	10.1	
		2-17-64	90.0	24.0				2-13-64	71.8	12.2	
		3-02-64	89.1	24.9				3-10-64	72.2	11.8	
		3-16-64	88.7	25.3				4-09-64	70.7	13.3	
		3-30-64	88.5	25.5				5-08-64	70.9	13.1	
		4-13-64	88.1	25.9				6-11-64	70.9	13.1	
		5-04-64	87.5	26.5				8-08-63	81.1	1.3	5102
		5-18-64	87.2	26.8				9-10-63	79.9	2.5	
		6-01-64	87.1*	26.9				10-10-63	79.1	3.3	
		6-15-64	86.8	27.2				11-14-63	72.3	10.1	
		1-10-64	76.7	7.3	5102			12-10-63	69.6	15.0	
		2-13-64	75.7	8.3				1-10-64	63.7	14.7	
		4-09-64	72.7	11.3				5-13-64	66.4	14.0	
		5-08-64	72.6	11.4				4-09-64	67.2	15.2	
		6-11-64	72.8	11.2				5-08-64	68.4	14.0	
055/10W-09D01 S	75.5	(CONT.)	68.5	7.0	5102	055/10W-10P01 S	82.4	8-08-63	81.1	1.3	5102
		12-10-63						9-10-63	79.9	2.5	
		(CONT.)						10-10-63	79.1	3.3	
								11-14-63	72.3	10.1	
								12-10-63	69.6	15.0	
								1-10-64	63.7	14.7	
								5-13-64	66.4	14.0	
								4-09-64	67.2	15.2	
								5-08-64	68.4	14.0	

* Questionable measurement

** Approximate ground surface elevation

P. Pumping measurement

(CONT.)

A. Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00					
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-00					
EAST COASTAL PLAIN HYDRO SUBAREA					
05S/10W-10P01 S	82.4	(CONT.)	68.0	14.4	5102
05S/10W-15B02 S	79.0**	7-16-63	75.9	3.1	5102
		8-13-63	76.5	2.5	
		9-13-63	77.2	1.8	
		10-09-63	77.8	6.2	
		11-19-63	67.4	11.6	
		12-13-63	66.2	12.8	
		1-23-64	63.8	15.2	
		2-25-64	64.1	14.9	
		3-17-64	66.0	13.0	
		4-15-64	65.4	13.6	
		5-12-64	64.5	16.5	
		6-16-64	63.6	15.4	
05S/10W-15M01 S	66.8	7-11-63	82.1	-15.3	5102
		8-08-63	72.5	-2.7	
		9-10-63	72.0	-0.2	
		10-10-63	67.4	-0.2	
		11-14-63	61.8	5.0	
		12-10-63	58.8	8.0	
		1-10-64	59.2	7.6	
		2-13-64	57.3	9.5	
		3-10-64	57.9	8.9	
		4-09-64	57.2	9.6	
		5-08-64	57.5	9.3	
		6-11-64	57.2	9.6	
05S/10W-17001 S	49.0**	1-16-64	46.8	4.2	5102
		2-18-64	43.4	5.6	
		3-12-64	44.7	4.3	
		4-14-64	42.9	6.1	
		5-14-64	43.8	5.2	
		6-12-64	42.6	6.4	
05S/10W-18J01 S	42.0**	3-10-64	39.2	2.8	5102
		4-09-64	38.3	3.7	
		6-11-64	37.6	4.4	
05S/10W-20H03 S	45.0**	12-12-63	43.9*	1.1	5102
		2-18-64	44.5	0.5	
		4-14-64	43.4	1.6	
		4-14-64	42.9	2.1	
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-00					
EAST COASTAL PLAIN HYDRO SUBAREA					
05S/10W-20P01 S	38.0**	7-12-63	5.6	32.4	5102
		8-09-63	5.2	32.8	
		9-12-63	5.6	32.4	
		10-11-63	5.5	32.5	
		12-12-63	4.6	33.4	
		1-16-64	4.7	33.3	
05S/10W-21C03 S	52.5**	3-16-64	50.1	2.4	5102
		4-15-64	50.5	2.0	
05S/10W-23C01 S	61.4**	7-08-63	52.3	9.1	5102
		7-15-63	52.5	8.9	
		7-29-63	53.0	8.4	
		8-05-63	52.8	8.6	
		9-12-63	52.8	9.6	
		9-16-63	52.1	10.3	
		10-30-63	51.5	10.5	
		10-28-63	48.8	12.6	
		11-18-63	46.8	14.6	
		12-02-63	46.0	15.4	
		12-16-63	45.2	16.2	
		12-30-63	45.2	16.2	
		1-13-64	45.1	16.3	
		2-03-64	43.2	18.2	
		2-17-64	43.4	18.0	
		3-02-64	44.2	17.2	
		3-16-64	44.4	17.0	
		3-30-64	42.4	19.0	
		4-13-64	42.9	18.5	
		4-27-64	43.2	18.2	
		5-11-64	43.4	18.0	
		6-01-64	44.2	17.2	
		6-15-64	43.2	18.2	
		6-29-64	43.6	17.8	
05S/10W-25H01 S	42.0**	11-01-63	34.8	7.2	4709
		3-30-64	37.5	4.5	
05S/10W-25H01 S	37.7	8-13-63	41.8	-4.1	5102
		10-08-63	36.6	3.7	
		11-09-63	34.3	6.4	
		12-13-63	27.8	9.9	

** Approximate ground surface elevation

* Questionable measurement

P Pumping measurement

A Air gauge measurement

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G.S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0											
EAST COASTAL PLAIN HYDRO SUBAREA Y-01-A1											
05S/10W-25R01 S	37.7	(CONT.) 1-23-64 3-17-64 4-15-64 5-12-64	29.2 28.2 29.0 28.3	8.5 2.2 8.7 9.4	5102	05S/10W-29D01 S	35.0	1-08-64 1-22-64 2-05-64 5-11-64 3-15-64 4-08-64 5-06-64 5-13-64 6-03-64 6-10-64 6-24-64	32.5* 29.9 29.7* 30.3 30.4 30.9 32.5 34.6 32.8 30.5 31.6	2.5 5.1 5.3 4.7 4.6 6.1 2.5 1.4 2.2 4.5 3.4	5102
05S/10W-26D02 S	44.5	4-15-64 5-12-64 6-16-64	31.7* 31.8 31.4	12.8 12.7 13.1	5102	05S/10W-30A01 S	33.0	8-09-63 9-12-63 10-08-63 11-19-63 12-13-63 1-23-64 2-25-64 3-17-64 4-15-64 5-12-64 6-16-64	43.9 42.9 42.9 39.7 -6.7 -0.3 33.3 31.9 33.0 31.8 32.8 31.6 32.0 30.8	-10.9 -9.9 -9.9 -6.7 -6.7 -0.3 1.1 1.1 1.2 0.2 1.4 1.0 2.2	5102
05S/10W-28B01 S	45.0	7-12-63 9-12-63 10-11-63 11-15-63 12-12-63 2-18-64 3-12-64 5-14-64	53.7 55.2 54.6 43.7 42.2 45.2 50.3 46.5	-8.7 -10.2 -9.6 1.3 2.8 -0.2 5.9 5.3 -1.5	5102	05S/10W-31D04 S	20.0	7-12-63 8-09-63 9-12-63 10-11-63 11-15-63 12-12-63 2-18-64 3-12-64 4-16-64 5-14-64 6-12-64	28.3 29.5 29.7 25.6 21.2 24.9 20.5 21.4 19.7 20.5 19.4	-8.3 -8.5 -9.7 -5.6 -1.2 0.1 -0.5 -0.5 0.3 -0.5 0.6	5102
05S/10W-29D01 S	35.0	7-17-63 8-07-63 8-14-63 8-28-63 9-11-63 9-18-63 10-02-63 10-16-63 11-06-63 12-04-63 12-18-63	45.9 44.3 44.5 50.0* 43.2 41.7 45.8* 44.7 35.3 31.3 31.7	-10.9 -9.3 -9.5 -15.0 -8.2 -6.7 -9.7 -9.7 -0.3 3.7 3.3	5102	05S/10W-32C01 S	26.6	7-12-63 8-09-63 9-12-63 10-11-63 11-15-63 12-12-63	38.2 36.4 34.9 33.7 26.1 25.5	-11.6 -9.8 -8.3 -7.1 0.5 1.1	5102

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air charge measurement

(CONT.)

(CONT.)

(CONT.)

(CONT.)

(CONT.)

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01.00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01.A0											
EAST COASTAL PLAIN HYDRO SUBAREA Y-01.A1											
05S/10W-32C01 S	26+6	(CONT.)	26+1	0+5	5102	05S/10W-33Q01 S	37+6	12-30-63	36+5	1+1	5102
		1-16-64	26+7	0+1				2-24-64	41+5	-3+9	
		3-12-64	26+7	-0+1				3-02-64	41+4	-3+8	
		4-14-64	25+7	0+9				3-16-64	41+2	-3+6	
		5-14-64	25+9	0+7				3-30-64	40+9	-3+3	
		6-12-64	25+9	0+7				4-13-64	40+5	-2+9	
05S/10W-32P02 S	5+7**	7-08-63	7+0	12+7	5102			4-21-64	40+4	-2+8	
		7-15-63	6+8	12+5				5-18-64	40+2	-2+6	
		7-29-63	7+4**	13+1				6-01-64	40+0	-2+4	
		8-12-63	7+6	13+5				6-15-64	39+9	-2+5	
		9-16-63	6+0	13+7				6-29-64	39+8	-2+2	
		10-30-63	7+4	13+0							
		10-28-63	7+3	12+3							
		11-18-63	5+9	11+6							
		12-02-63	7+3*	13+0							
		12-16-63	6+6	12+3							
		12-30-63	5+8	11+5							
		1-06-64	5+8*	11+5							
		1-19-64	5+4	11+1							
		2-03-64	5+0	10+7							
		2-17-64	4+7	10+4							
		3-02-64	4+4	10+1							
		3-16-64	4+2	9+9							
		3-30-64	4+1	9+8							
		4-13-64	4+0	9+7							
		5-04-64	3+8	9+5							
		5-18-64	3+6	9+3							
		6-01-64	3+5	9+2							
		6-15-64	3+4	9+1							
05S/10W-33Q01 S	37+6	7-08-63	42+7	-5+1	5102	05S/10W-35K01 S	32+7	7-16-63	40+0	-7+3	5102
		7-15-63	43+1	-5+5				8-13-63	41+7	-9+0	
		7-29-63	43+1	-5+5				9-13-63	40+8	-8+1	
		8-12-63	43+5	-5+9				10-08-63	32+8	-0+1	
		8-19-63	42+9	-6+3				11-19-63	26+8	5+9	
		9-30-63	41+0	-3+4				12-13-63	24+2	8+5	
		10-14-63	40+9	-2+3				3-17-64	36+9	-4+2	
		10-28-63	39+9	-2+3				4-15-64	30+6	2+1	
		11-18-63	38+1	-0+5				5-12-64	29+5	3+2	
		12-02-63	37+0	0+6				6-16-64	28+6	4+1	
		12-16-63	36+7	0+9							
(CONT.)						05S/11W-02G01 S	48+2	7-09-63	41+3	6+9	5102
								8-06-63	42+1	6+1	
								9-06-63	41+5	6+7	
								10-04-63	40+2	8+0	
								11-08-63	37+2	11+0	
								12-08-63	34+8	13+4	
								1-09-64	34+4	13+8	
								2-07-64	33+0	15+2	
								3-06-64	33+9	14+3	
(CONT.)						(CONT.)					

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

GROUND WATER LEVELS AT WELLS

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-000											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-0A0 EAST COASTAL PLAIN HYDRO SUBAREA Y-01-0A1											
055/11W-02601 S	48±2	(CONT.) 4-09-64 5-07-64 6-09-64	33±2 15±0 15±3	15±0 15±0 14±1	5102	055/11W-04A01 S	28±6	1-20-64 2-03-64 2-17-64	19±3 17±1 18±5	9±3 11±5 10±1	5102
055/11W-02L01 S	46±0	11-08-63 3-06-64 5-07-64 6-09-64	41±5 39±7 38±9 42±2	4±5 6±3 7±1 3±8	5102			3-16-64 4-13-64 5-04-64 5-18-64 6-01-64 6-15-64	20±5 19±3 21±1 21±6 24±0 24±1	8±1 7±3 7±5 7±0 4±6 4±5	
055/11W-02N01 S	38±5	7-09-63 8-06-63 9-06-63 10-08-63 11-08-63 12-08-63 2-07-64 3-06-64 4-09-64 5-07-64 6-09-64	49±6* 51±8* 46±8* 42±8* 35±4 32±4 32±4 34±2 33±6 33±6 36±9*	-11±1 -13±3 -8±1 -4±3 3±1 7±7 6±1 4±4 4±4 4±3 4±9 1±6	5102	055/11W-04D01 S	23±5**	11-29-63 12-06-63 12-26-63 1-31-64 2-28-64 3-31-64 4-30-64	16±9 15±5 14±1 12±3 16±9* 16±7 15±7	6±6 8±0 9±4 11±2 6±6 6±8 7±8	5102
055/11W-03A01 S	46±0**	8-06-63 9-06-63 10-08-63 11-08-63 12-06-63	57±7 53±9 47±6 41±0 35±1	-11±7 -7±9 -1±6 5±0 10±9	5102	055/11W-05D01 S	17±0**	3-04-64 2-28-64 3-31-64 4-30-64 5-28-64 6-30-64	26±9 15±2* 15±9 14±7 15±9* 17±1	-9±9 -5±2 -5±9 -4±7 -5±9 -7±1	5102
055/11W-04A01 S	28±6	7-15-63 7-29-63 8-19-63 10-14-63 10-28-63 11-18-63 12-02-63 12-16-63 12-30-63	36±1 35±8 37±2 30±6 27±4 21±4 18±4 18±1 18±3	-7±5 -7±2 -8±6 -2±0 1±2 7±2 10±2 10±5 10±5	5102	055/11W-07D02 S	10±0**	2-28-64 3-31-64 4-30-64 5-28-64 6-30-64	15±2 16±1 16±0 16±6 17±5	-5±2 -6±1 -6±0 -6±6 -7±5	5102
						055/11W-08J02 S	17±0**	11-18-63 12-02-63 12-16-63 1-06-64 1-20-64 2-03-64 2-17-64 2-28-64 4-30-64 5-28-64	19±9 17±9 17±7 18±6 18±5 18±0 18±4 19±4 21±2 21±7	-2±9 -0±9 -0±7 -1±6 -1±5 -1±0 -1±4 -2±4 -2±4 -4±7	5102

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air-gauge measurement

(CONT.)

(CONT.)

(CONT.)

(CONT.)

(CONT.)

(CONT.)

(CONT.)

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01+00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01+00											
EAST COASTAL PLAIN HYDRO SUBAREA Y-01+01											
055/11W-10K01 S	23+0**	4-22-64 5-07-64 6-09-64	28+7* 27+4 30+2	-5+7 -4+4 -7+2	5102	055/11W-13A02 S	42+0**	11-14-63 12-10-63	34+0 30+8	8+0 11+2	5102
055/11W-12E03 S	41+0	7-09-63 8-06-63 9-06-63 10-06-63 11-08-63 12-06-63 1-09-64 2-07-64 3-06-64 4-07-64 5-07-64 6-09-64	47+4 48+8 46+5 45+1 40+1 37+1 36+6 34+9 36+4 32+5 34+7 35+7	-7+8 -5+5 -4+1 0+9 4+4 6+1 4+6 5+6 5+7 5+3	5102	055/11W-14C01 S	34+0**	8-08-63 9-10-63 11-14-63 12-10-63 1-10-64 2-13-64 3-18-64 4-01-64 5-09-64 6-11-64	34+2 33+0 24+6 20+3 20+8 21+5 20+2 21+1 21+4 22+7	-0+2 1+0 9+4 13+2 12+5 12+1 12+4 11+3	5102
055/11W-12L01 S	42+0**	7-29-63 8-12-63 8-19-63 9-16-63 9-30-63 10-14-63 11-04-63 11-18-63 12-02-63 12-16-63 12-30-63 1-13-64 1-27-64 2-17-64 3-02-64 3-09-64 4-30-64 4-27-64 5-04-64 5-18-64 6-01-64 6-22-64	52+1 52+3 52+6 51+3 49+6 48+1 45+5 41+7 40+0 39+6 39+9* 39+7 37+2 38+9* 39+5 37+7 39+3* 38+8 39+1 39+1 40+4* 40+0	-10+1 -10+3 -10+6 -9+3 -7+6 -6+1 -3+5 0+3 2+0 2+4 2+1 2+3 4+8 3+1 2+5 4+3 2+7 3+2 2+9 2+1 1+6 2+0	5102	055/11W-16C01 S	15+2**	11-27-63 12-04-63 12-18-63 1-08-64 1-15-64 2-05-64 2-19-64 3-04-64 3-18-64 4-01-64 4-15-64 5-06-64 5-13-64 6-03-64 6-17-64	13+2 11+8 9+8 9+4 9+9 8+8 10+6 10+1 17+5 12+9 12+9 11+2 12+0 13+4 12+9	2+0 3+4 5+4 5+8 5+3 6+4 4+6 0+1 -2+3 2+3 2+3 4+0 3+2 1+8 2+3	5102
055/11W-13A02 S	42+0**	8-08-63 9-10-63 11-14-63 12-10-63 1-10-64 2-13-64 3-18-64 4-01-64 5-09-64 6-11-64	46+8 46+5 39+5 39+5	-4+8 -4+5 2+5	5102	055/11W-16D01 S	17+1	7-08-63 7-15-63 7-29-63	20+7 21+8 22+8	-3+6 -8+7 -5+7	5102
055/11W-13A02 S	42+0**	7-03-63 7-17-63 8-07-63 8-14-63 9-04-63	29+6 31+0 32+5 32+8 30+9	29+6 31+0 32+5 32+8 30+9	5102	055/11W-16D02 S	16+8	7-03-63 7-17-63 8-07-63 8-14-63 9-04-63	29+6 31+0 32+5 32+8 30+9	-12+8 -14+2 -13+7 -16+0 -14+1	5102

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Table Elevation in Feet	Agency Supplying Data	State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Table Elevation in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0 EAST COASTAL PLAIN HYDRO SUBAREA											
05S/11W-16002 S	16.8	(CONT.)	28.3	-11.5	5102	05S/11W-18J03 S	7.2	6-05-64	14.0	-6.8	1101
		9-18-63	27.7	-10.9				10-21-63	15.6*	-5.9	5102
		10-02-63	27.7	-10.9				11-04-63	14.4	-4.7	
		10-16-63	25.7	-8.9				11-18-63	12.0	-2.3	
		11-06-63	21.5	-4.7				12-02-63	10.4	-0.7	
		11-13-63	19.9	-3.1				12-16-63	9.8	-0.1	
		12-04-63	17.0	-0.2				12-30-63	9.3	0.4	
		12-18-63	17.6	-0.8				1-20-64	10.4	0.7	
		1-08-64	18.9	-2.1				2-03-64	10.3	-0.6	
		1-15-64	19.2	-2.4				2-17-64	10.3	-0.6	
		2-05-64	17.7	-0.9				2-19-64	11.7	-2.0	
		2-19-64	18.7	-1.9				5-04-64	11.5	-1.1	
		3-06-64	20.4	-3.6				5-18-64	11.7	-2.0	
		3-18-64	18.6	-1.9				6-01-64	12.4	-2.7	
		4-15-64	21.3	-4.5				6-15-64	12.4	-2.7	
		5-06-64	19.5	-2.7							
		5-13-64	19.8	-3.0							
		6-03-64	22.3	-5.5							
		6-17-64	21.8	-5.0							
SANTA ANA RIVER HYDRO UNIT Y-01-A1											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A1 EAST COASTAL PLAIN HYDRO SUBAREA											
05S/11W-16R02 S	14.0**	3-12-64	19.6*	-5.6	5102	05S/11W-20008 S	24.2	7-12-63	34.9	-10.7	5102
		12-12-63	11.9	2.1				8-09-63	36.5	-12.3	
		1-16-64	12.9	1.1				9-12-63	36.2	-12.0	
		2-18-64	13.0	1.0				10-11-63	34.1	-9.9	
		3-12-64	19.6	-5.6				11-15-63	30.4	-6.2	
		4-14-64	13.9	0.1				12-12-63	28.6	-4.4	
		5-14-64	12.9	1.1				2-18-64	28.3	-4.1	
		6-12-64	14.0	1.1				3-12-64	29.9	-5.7	
								5-14-64	28.4	-4.2	
								6-12-64	29.4	-5.2	
SANTA ANA RIVER HYDRO UNIT Y-01-A2											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A2 EAST COASTAL PLAIN HYDRO SUBAREA											
05S/11W-18J03 S	7.2	7-05-63	26.3	-19.1	1101	05S/11W-20R04 S	31.2	7-12-63	41.9	-10.7	5102
		9-06-63	22.4	-15.2				8-09-63	43.2	-12.0	
		9-27-63	27.4	-20.2				9-12-63	43.0	-11.8	
		10-18-63	22.1	-14.9				10-11-63	40.9	-9.7	
		11-09-63	13.2	-6.0				12-12-63	35.8*	-6.6	
		11-29-63	11.4	-4.2				1-16-64	35.8	-6.6	
		12-20-63	14.1	-6.9				2-18-64	35.3	-6.5	
		1-10-64	22.7	-15.5				3-12-64	36.7	-5.5	
		1-31-64	18.4	-11.2				6-12-64	36.1	-6.7	
		2-21-64	20.3	-13.3				8-09-63	31.4*	-9.6	5102
		3-13-64	16.3	-8.4				9-12-63	30.7	-8.9	
		4-03-64	16.9	-8.0				10-11-63	27.3	-5.5	
		4-27-64	16.9	-8.0				11-15-63	24.8	-1.0	
		5-15-64	12.3	-5.1				12-12-63	20.3	1.5	
		(CONT.)						(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0											
EAST COASTAL PLAIN HYDRO SUBAREA Y-01-A1											
055/11W-22A02 S	21.8	(CONT.) 1-16-64 2-18-64 3-12-64 4-14-64 5-14-64 6-12-64	22.4 21.6 23.0 21.1 21.6 21.5	-0.6 0.2 -1.2 0.7 0.2 0.3	5102	055/11W-25P01 S	47.6	12-12-63	46.1	1.5 0.8 -1.1 0.4 2.0 1.5 2.0	5102
055/11W-24A05 S	35.0**	12-12-63 1-16-64 2-18-64 3-12-64 4-14-64 5-14-64 6-12-64	28.0 30.4 31.4 30.9 28.8 29.3 29.5	7.0 4.6 3.6 4.1 6.2 5.7 5.5	5102	055/11W-27H04 S	8.0	7-15-63	14.8	-6.8 -7.5 -7.9 -5.8 -5.2 -6.5 -2.3 -1.4 -5.1 -3.0 -1.8 -1.8 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4	5102
055/11W-24D02 S	27.1	7-12-63 8-09-63 9-12-63 10-11-63 11-15-63 12-12-63	30.7 32.1 31.4 28.3 23.4 21.1	-3.6 -5.0 -4.3 -1.2 3.7 6.0	5102	055/11W-28A01 S	7.2	7-12-63	9.5	-2.3 -6.4 -8.4 -5.3 2.3 7.2 5.8 4.2 5.4 6.2 4.5	5102
055/11W-24N02 S	25.0	7-12-63 8-09-63 9-12-63 10-11-63 11-15-63 12-12-63	31.0 32.4 31.6 28.8 24.3 22.3	-6.0 -7.4 -6.6 -3.8 0.7 -1.3	5102						
055/11W-25P01 S	47.6	7-12-63 8-09-63 9-12-63 10-11-63 11-15-63	53.4 52.3 53.4 51.3 47.8	-5.8 -6.7 -5.8 -3.7 -0.2	5102	055/11W-29B05 S	49.9	7-12-63	58.7	-9.8 -10.6 -10.8	5102

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

(CONT.)

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S.Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G.S.Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0											
EAST COASTAL PLAIN HYDRO SUBAREA Y-01-A1											
05S/11W-29B05 S	49.9	(CONT.) 10-11-63 11-15-63 12-12-63 1-16-64 2-18-64 3-12-64 4-14-64 5-14-64 6-02-64	59.6 57.6 56.0 55.1 54.4 54.9 54.7 54.0 54.4	-9.7 -7.7 -6.1 -5.2 -4.5 -5.0 -4.8 -4.1 -4.5	5102	06S/08W-06P01 S	204.1	1-17-64 2-20-64 3-25-64 4-21-64 5-15-64 6-18-64	169.2 167.6 170.4 168.3 167.8 167.1	34.9 36.5 33.7 35.8 36.3 37.0	5102
05S/11W-29B08 S	36.0	7-12-63 9-12-63 10-11-63 11-15-63 12-12-63 1-16-64 2-18-64 3-12-64 4-14-64 5-14-64 6-12-64	56.7* 48.0 45.7 42.0 40.1 40.5 39.7 46.0 42.2 42.9 40.9	-18.7 -12.0 -9.7 -6.0 -4.1 -4.5 -3.7 -10.0 -6.2 -6.9 -4.9	5102	06S/08W-07E01 S	178.2	11-01-63 4-05-64 14-2-0	149.0 142.0	29.2 36.2	4709
05S/11W-29C01 S	48.0**	8-09-63 9-12-63 10-11-63 11-15-63 12-12-63 1-16-64 2-18-64 4-14-64 5-14-64 6-12-64	70.3 74.7* 67.4* 60.9* 56.3* 55.9 54.4 57.6* 280.0 293.0	-22.3 -26.7 -19.4 -12.9 -8.3 -7.9 -6.4 -9.6	5102	06S/08W-08M01 S	244.4	8-20-63 10-15-63 11-01-63 11-22-63 12-17-63 1-17-64 3-25-64 4-03-64 4-21-64 5-15-64 6-18-64	219.1* 207.7 221.0* 205.0 203.6 205.4 209.5 204.0 205.0 212.6 206.0	25.3 36.7 23.1 39.4 40.8 39.0 34.7 40.1 39.4 31.8 38.4	5102 4709 5102
06S/08W-05E02 S	285.4	11-01-63 4-03-64	280.0 293.0	5.4 -7.6	4709	06S/08W-10G01 S	480.0**	12-17-63 1-17-64 2-20-64 3-25-64 4-21-64 5-15-64 6-18-64	83.8 83.9 83.9 84.0 84.1 84.1 84.2	396.2 396.1 396.0 395.9 395.9 395.8	5102
06S/08W-06J01 S	238.9	11-01-63 4-03-64	238.0 233.0	0.9 5.9	4709	06S/08W-14L01 S	490.0**	2-20-64 4-21-64 5-15-64 6-18-64	21.2 21.1 21.0 21.8	468.8 469.9 468.0 468.2	5102
06S/08W-06P01 S	204.1	7-23-63 8-20-63 9-17-63 10-15-63 11-22-63 12-17-63	176.9 176.2 175.9 172.7 169.5 168.1	27.2 27.9 28.2 31.2 34.6 36.0	5102						
SANTA ANA RIVER HYDRO UNIT Y-01-A0											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0											
EAST COASTAL PLAIN HYDRO SUBAREA Y-01-A1											

* Questionable measurement

P Pumping measurement

A Air gauge measurement

** Approximate ground level in feet above sea level

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01*00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01*00						EAST COASTAL PLAIN HYDRO SUBAREA Y-01*01					
06S/09W-01I01 S	142.4	3-10-64	150.0	-7.6	4709	06S/09W-04L01 S	48.3	11-01-63	79.0	-30.7	4709
06S/09W-01P02 S	138.2	7-23-63	166.3	-28.1	5102	06S/09W-05A01 S	41.4	8-20-63	47.6	-6.2	5102
		8-20-63	167.3	-29.1				9-17-63	46.0	-4.6	
		10-15-63	152.1	-13.9				10-15-63	42.8	-1.4	
		11-22-63	140.9	-5.7				12-17-63	35.0	6.4	
		12-17-63	131.0	7.2				1-17-64	37.0	4.4	
		2-20-64	121.8	16.3				3-25-64	43.3	-4.9	
		3-25-64	128.5	9.7				4-21-64	38.0	2.4	
		4-21-64	140.3	-7.1				6-18-64	35.3	6.1	
		5-15-64	130.3	7.9				11-01-63	68.1	-24.0	4709
		6-18-64	147.8*	-9.6				4-02-64	70.1	-26.0	
06S/09W-02A04 S	101.7	11-01-63	152.0	-50.3	4709	06S/09W-06C01 S	34.0	11-01-63	87.0*	-53.0	4709
		4-05-64	156.0	-54.3				4-02-64	41.8	-7.8	
06S/09W-02D01 S	84.0	9-17-63	131.4*	-47.4	5102	06S/09W-07C01 S	46.0	7-16-63	55.1	-9.1	5102
		10-15-63	125.4*	-41.4				8-13-63	55.3	-9.3	
		11-01-63	131.0*	-47.0	4709			10-08-63	51.7	-5.7	
		11-22-63	117.7*	-33.7	5102			11-19-63	49.5	-3.5	
		12-17-63	87.8	-3.8				12-13-63	46.0		
		2-20-64	106.9*	-22.9				1-23-64	47.5	-1.5	
		3-25-64	125.1*	-4.1				2-25-64	53.7	-7.7	
		4-02-64	141.0*	-5.0	4709			3-17-64	53.7	-7.7	
		5-15-64	87.5	-3.5	5102			4-15-64	47.3	-1.3	
06S/09W-03C01 S	73.0	11-01-63	83.0	-10.0	4709	06S/09W-08L01 S	10.0	11-01-63	39.0	-29.0	4709
		4-02-64	89.0	-16.0				4-03-64	25.0	-13.0	
06S/09W-03R01 S	96.0	7-23-63	76.0	20.0	5102	06S/09W-09A01 S	67.0**	11-01-63	72.0	-5.0	4709
		8-20-63	76.6	19.4				4-03-64	62.0	5.0	
		9-17-63	79.2	19.8				06S/09W-09H01 S	67.0	-5.0	4709
		10-15-63	69.1	28.9				4-03-64	110.0	-4.3	
		11-22-63	62.6	33.4				06S/09W-09H03 S	74.0	-1.1	5102
		12-17-63	69.6	36.4				9-17-63	75.1	-3.2	
		1-17-64	59.5	36.5				10-15-63	77.2	3.1	
		2-20-64	59.8	36.2				11-22-63	70.9	3.1	
		3-25-64	63.9	32.1				12-17-63	71.5	2.5	
		4-21-64	60.8	35.2				1-17-64	76.5*	-2.5	
		5-15-64	58.2	37.8				(CONT.)			
		6-18-64	57.4	38.6							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Well Identifier	G.S. Elev. in Feet	Date	Dist. G.S. Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	Well Identifier	G.S. Elev. in Feet	Date	Dist. G.S. Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0											
EAST COASTAL PLAIN HYDRO SUBAREA Y-01-A1											
06S/09W-09H03 S	74.0	(CONT.)	88.7*	-14.7	5102	06S/10W-01E02 S	35.0**	8-12-63	48.0	-13.0	5102
		2-20-64	82.7*	-8.7				8-19-63	48.8*	-13.8	
		3-25-64	78.9*	-4.9				9-16-63	45.0	-10.0	
		4-21-64	71.5	2.5				9-30-63	43.5	-11.5	
		5-15-64	74.4	-0.4				10-14-63	42.4	-7.4	
		6-18-64						11-04-63	39.9	-14.9	
06S/09W-09H02 S	54.8	7-23-63	67.3	-12.5	5102			11-18-63	36.4*	-4.6	
		8-20-63	71.1	-16.3				12-02-63	30.7	0.3	
		9-17-63	68.8	-14.0				12-16-63	33.1	1.9	
		10-15-63	64.6	-9.8				12-30-63	33.5	1.5	
		1-2-64	69.5	-11.5				1-13-64	39.1	-4.1	
		1-24-64	62.2	-12.2				1-27-64	40.8*	-13.8	
		2-20-64	62.4	-12.4				3-2-64	37.8	-16.8	
		4-21-64	60.9	-6.1				3-16-64	44.2*	-9.2	
		5-15-64	60.0	-5.2				3-30-64	44.2*	-9.2	
		6-18-64	59.5	-4.7				4-13-64	40.3*	-5.3	
06S/09W-10P01 S	100.0	8-20-63	21.4	78.6	5102			4-27-64	38.0	-3.0	
		9-17-63	21.4	78.6				5-11-64	37.1	-2.1	
		11-22-63	19.9	80.1				6-01-64	40.7	-5.7	
		12-17-63	19.5	80.5				6-15-64	39.2	-4.2	
		1-17-64	19.4	80.6							
		2-20-64	19.2	80.8				7-16-63	26.1	13.6	5102
		3-25-64	19.2	80.8				8-13-63	26.2	13.5	
		4-21-64	19.3	80.7				9-13-63	26.4	13.3	
		5-15-64	19.3	80.7				10-08-63	26.1	13.6	
		6-18-64	19.4	80.6				11-19-63	26.4	13.3	
								12-13-63	26.1	13.6	
06S/09W-12K01 S	146.0	7-23-63	87.4	58.6	5102			1-23-64	26.0	13.7	
		8-20-63	87.4	58.6				2-25-64	26.2	13.5	
		9-17-63	87.8	58.2				3-17-64	26.2	13.5	
		10-15-63	86.0	60.0				4-15-64	25.8	13.9	
		11-22-63	83.7	62.3				5-12-64	25.6	14.1	
		12-17-63	82.1	63.9				6-16-64	25.5	14.2	
		1-17-64	82.6	63.4							
		2-20-64	81.3	64.7				7-16-63	20.5	-13.0	5102
		3-25-64	82.5	63.5				8-13-63	20.4	-13.9	
		4-21-64	82.6	63.4				9-13-63	20.9	-13.9	
		5-15-64	82.6	63.4				10-08-63	20.9	-13.9	
		6-18-64	81.9	64.1				11-13-63	20.9	-13.9	
06S/10W-01E02 S	35.0**	7-15-63	50.2*	-15.2	5102			1-23-64	20.8*	-13.9	
		7-29-63	46.9	-11.9				2-25-64	19.3*	-15.7	
		(CONT.)						3-17-64	20.1*	-12.6	

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data		
SANTA ANA RIVER HYDRO UNIT													
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01.00													
EAST COASTAL PLAIN HYDRO SUBAREA Y-01.A1													
06S/10W-02G01 S	37+5	4-15-64 5-12-64 6-16-64	44+8 42+8 42+4	-7+3 -5+3 -4+9	5102	06S/10W-07B02 S	10+2	7-08-63 7-15-63 7-22-63 8-12-63 9-16-63 9-16-63 9-30-63 10-14-63 11-04-63 11-18-63 12-02-63 12-16-63 12-30-63 1-13-64 2-03-64 2-17-64 3-02-64 3-16-64 3-30-64 4-13-64 4-27-64 5-18-64 6-01-64 6-15-64	16+7 11+0 18+1 18+4 16+8 16+8 14+8 14+8 13+9 12+0 11+0 10+9 11+0 11+0 10+7 12+7 13+0 12+6 11+0 10+4 11+3 11+0 10+3	-6+5 -9+8 -8+2 -6+2 -4+6 -4+6 -3+7 -1+8 -0+8 -0+7 -0+8 -0+8 -0+5 -2+5 -2+8 -2+4 -0+8 -0+2 -1+1 -0+8 -0+1	5102	Y-01.A1	5102
06S/10W-04Q02 S	60+0**	12-13-63 1-23-64 3-17-64 4-15-64 5-12-64 6-16-64	68+7* 70+4 73+3 69+3 68+6 67+8	-8+7 -10+4 -13+3 -9+3 -8+6 -7+8	5102	06S/10W-07E05 S	7+0**	7-24-63 8-28-63 9-25-63 10-23-63 11-27-63 12-26-63 1-29-64 2-26-64 3-25-64 5-01-64 5-29-64 6-24-64	12+0 12+0 10+1 9+7 7+3 6+7 6+2 8+4 7+0 7+7 7+9 5+9	-5+0 -5+0 -3+0 -2+7 -0+3 0+3 0+8 -1+4 -0+7 -0+9 1+1	5102	Y-01.A1	5102
06S/10W-05B03 S	18+4	7-12-63 8-09-63 9-12-63 10-11-63 12-12-63 1-16-64 2-18-64 3-12-64 4-14-64 5-14-64 6-12-64	33+6 36+1 34+3 26+9 25+5 23+7 26+2 24+8 25+5 23+9 24+7	-15+2 -17+7 -15+9 -8+5 -7+1 -5+3 -7+8 -6+4 -7+1 -5+5 -6+3	5102	06S/10W-07M03 S	5+0**	7-24-63 8-28-63 9-25-63 10-23-63 11-27-63 12-26-63 1-29-64 2-26-64 3-25-64 5-01-64 5-29-64 6-24-64	7+9 8+3 6+4 6+1 4+3 3+8 3+3	-2+9 -3+3 -1+4 -1+1 0+7 3+8 1+7	5102	Y-01.A1	5102
06S/10W-05C01 S	19+2	7-08-63 7-15-63 7-29-63 9-16-63 9-30-63 10-14-63 10-28-63 11-18-63 12-02-63 12-16-63 12-30-63 1-13-64 2-03-64 2-17-64 3-02-64 3-16-64 4-06-64 4-13-64 4-27-64 5-11-64	26+0 25+3 27+8 26+4 22+6 22+5 20+3 17+7 16+3 17+3 18+4 18+1 16+5 19+9 20+2 21+5 18+9 18+8 16+9 18+7	-6+8 -7+1 -8+2 -7+2 -3+4 -3+3 -1+1 1+5 2+9 1+9 0+8 1+1 2+7 -0+7 -1+0 -2+3 0+4 0+3 2+3 0+5	5102	06S/10W-07E05 S	7+0**	7-24-63 8-28-63 9-25-63 10-23-63 11-27-63 12-26-63 1-29-64 2-26-64 3-25-64 5-01-64 5-29-64 6-24-64	12+0 12+0 10+1 9+7 7+3 6+7 6+2 8+4 7+0 7+7 7+9 5+9	-5+0 -5+0 -3+0 -2+7 -0+3 0+3 0+8 -1+4 -0+7 -0+9 1+1	5102	Y-01.A1	5102

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-100											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-100											
EAST COASTAL PLAIN HYDRO SUBAREA Y-01-101											
06S/10W-07M03 S	5.0**	(CONT.)	5.0	5102		06S/10W-08B03 S	13.0**	7-16-63	28.2*	-15.2	5102
		2-26-64	4.0	1.0				8-13-63	28.0	-15.0	
		3-25-64	4.5	0.5				9-13-63	28.7	-15.7	
		5-01-64	4.6	0.4				10-08-63	29.2*	-16.2	
		5-29-64	4.6	0.4				11-19-63	28.1*	-11.1	
		6-24-64	3.1	1.9				12-13-63	21.5	-8.5	
06S/10W-07M05 S	5.0**	7-24-63	9.6	-4.4	5102			1-23-64	21.6	-8.6	
		8-23-63	9.9	-3.3				2-23-64	21.6	-10.6	
		9-28-63	8.0	-2.7				3-23-64	21.5	-10.5	
		10-23-63	7.7	-2.7				4-15-64	21.4	-11.4	
		11-27-63	5.8	-0.8				5-12-64	21.3	-8.3	
		12-26-63	5.3	-0.3				6-16-64	19.8	-6.8	
		1-29-64	4.9	0.1				7-16-63	66.7	-12.7	5102
		2-26-64	6.5	-1.5				8-13-63	68.2	-14.2	
		3-25-64	5.6	-0.6				9-13-63	66.4	-12.4	
		5-01-64	5.9	-0.9				10-08-63	63.3	-9.3	
		5-29-64	6.2	-1.2				11-19-63	58.0	-4.0	
		6-24-64	5.6	-0.6				12-13-63	53.8	0.2	
06S/10W-07M03 S	9.0**	7-24-63	10.9	-1.9	5102	06S/10W-11G01 S	54.0	1-23-64	63.9	-9.9	
		8-28-63	11.3	-2.3				2-28-64	76.2*	-22.2	
		9-25-63	9.7	-0.7				4-15-64	59.9	-5.9	
		10-23-63	9.3	-0.3				5-12-64	59.2	-5.2	
		11-27-63	7.6	1.4				6-16-64	58.6	-4.6	
		12-26-63	7.2	1.8				7-16-63	60.9	-14.2	5102
		1-29-64	6.9	2.1				8-13-63	59.8	-13.1	
		2-26-64	8.4	0.6				9-13-63	57.9	-11.1	
		3-25-64	7.6	1.4				10-08-63	54.0	-7.3	
		5-01-64	7.4	1.6				11-19-63	49.1	-2.4	
		5-29-64	7.7	1.3				12-13-63	48.2	0.5	
		6-24-64	6.6	2.4				1-23-64	56.9	-10.2	
06S/10W-08B02 S	12.0	8-13-63	22.2	-10.2	5102	06S/10W-12E02 S	46.7	2-23-64	66.0	-19.3	
		10-13-63	21.3	-9.3				3-17-64	60.3	-13.6	
		11-08-63	15.6	-7.6				4-15-64	50.6	-3.2	
		12-13-63	17.7	-2.7				5-12-64	50.1	-3.5	
		1-23-64	16.3	-4.3				6-16-64	50.2	-3.5	
		2-25-64	16.3	-4.3				7-16-63	9.5	-3.5	5102
		3-25-64	21.1	-9.1				8-13-63	9.8	-3.8	
		4-15-64	17.0	-5.0				9-13-63	10.2	-4.2	
		5-12-64	16.7	-4.7				10-08-63	10.0	-4.0	
		6-16-64	15.5	-3.5				11-19-63	9.9	-3.9	
								12-13-63	8.4	-3.4	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air-purge measurement

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S.Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elevation, in Feet	Agency Supplying Data	State Well Number	G.S.Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elevation, in Feet	Agency Supplying Data	
SANTA ANA RIVER HYDRO UNIT Y-01*00												
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01*00												
EAST COASTAL PLAIN HYDRO SUBAREA Y-01*01												
06S/10W-17M02 S	6.0	(CONT.) 1-23-64 2-25-64 3-25-64 5-01-64 5-29-64 6-24-64	9.0 8.2 8.1 8.3 8.3 8.0	-3.0 -2.2 -2.1 -2.3 -2.3 -2.0	5102	06S/10W-18J09 S	8.2	5-29-64 6-24-64	6.3 5.7	1.9 2.5	5102	
06S/10W-18A01 S	8.0**	7-24-63 8-28-63 9-25-63 10-23-63 11-27-63 12-26-63 1-29-64 2-26-64 3-25-64 5-01-64 5-29-64 6-24-64	9.7 10.0 8.7 8.2 8.3 8.0 6.0 6.0 6.9 6.5 6.5 5.7	-1.7 -2.0 -0.7 -0.2 0.1 1.7 2.0 2.0 0.4 1.1 1.7 2.3	5102	06S/10W-18P01 S	6.9	7-24-63 8-28-63 9-25-63 10-23-63 11-27-63 12-26-63 1-29-64 2-26-64 3-25-64 5-01-64 5-29-64 6-24-64	3.9 4.1 3.5 3.3 3.0 2.7 2.6 2.9 2.7 4.0 4.0 2.3	3.0 2.8 3.4 3.6 3.9 4.2 4.3 4.0 4.2 4.0 4.0	5102	
06S/10W-18A02 S	8.0**	7-24-63 8-28-63 9-25-63 10-23-63 11-27-63 12-26-63 1-29-64 2-26-64 3-25-64 5-01-64 5-29-64 6-24-64	7.7 8.3 8.4 8.3 2.3 4.3 1.4 3.2 4.3 3.1 6.5 5.5	0.3 -0.3 -0.4 -0.3 5.7 4.3 6.6 4.8 3.7 3.1 2.7 2.5	5102	06S/10W-20C01 S	5.7	7-24-63 8-28-63 9-25-63 10-23-63 11-27-63 12-26-63 1-29-64 2-26-64 3-25-64 5-01-64 5-29-64 6-24-64	4.4 4.6 4.3 4.1 3.1 2.6 3.1 2.6 3.3 3.4 2.3 3.5	1.3 1.1 1.4 1.6 2.6 2.4 2.6 2.4 2.4 2.4 2.3 2.2	5102	
06S/10W-18J09 S	8.2	7-28-63 8-28-63 9-25-63 10-23-63 11-27-63 12-26-63 1-29-64 2-26-64 3-25-64 5-01-64 5-29-64 6-24-64	8.3 7.6 8.1 6.4 6.4 6.0 5.8 5.4 6.7 6.8 6.0	-0.1 -0.4 0.4 0.1 1.8 2.2 2.4 2.4 1.5 1.4 2.2	5102	06S/10W-20F01 S	4.7	7-28-63 8-28-63 9-25-63 10-23-63 11-27-63 12-26-63 1-29-64 2-26-64 3-25-64	4.9 DRY 4.6 4.6 4.0 0.7 4.0 0.7 0.7	-0.2 DRY 0.1 0.1 0.6 0.7 0.6 0.7 0.7	5102	
		(CONT.)				06S/10W-20M01 S	5.1	7-28-63 8-28-63 9-25-63 10-23-63 11-27-63 12-26-63	3.5 DRY DRY DRY 3.4	1.6 DRY DRY DRY 1.7	5102	
		(CONT.)										

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0											
EAST COASTAL PLAIN HYDRO SUBAREA Y-01-A1											
06S/10W-20W01 S	5+1	(CONT.) 1-29-64 2-26-64 3-25-64 5-01-64 5-29-64 6-24-64	3+2 3+4 3+6 3+7 3+7 3+6	1+9 1+7 1+5 1+4 1+4 1+5	5102	06S/11W-03J01 S	65+0	12-12-63 1-16-64 3-12-64 4-18-64 5-14-64 6-12-64	57+8 57+7 57+7 57+8 58+0 58+1	7+2 7+3 7+3 7+2 7+0 6+9	5102
06S/11W-01A03 S	14.0**	8-09-63 9-12-63 10-11-63 11-15-63 12-12-63 1-16-64 3-12-64 5-14-64 6-12-64	20+4 21+0 21+0 21+2 21+2 21+8 28+7 16+3 12+1	-6+4 -7+0 -7+0 -1+2 2+1 0+2 -14+7 -2+3 1+9	5102	06S/11W-11K03 S	32+9	7-12-63 8-09-63 9-12-63 10-11-63 12-12-63 1-16-64 2-18-64 3-12-64 4-14-64 5-14-64 6-12-64	27+0 27+4 29+0 28+5 28+5 28+8 28+8 13+2 22+0 25+4 21+6	5+9 5+5 3+9 4+4 4+4 4+1 19+7 10+9 7+5 11+3	5102
06S/11W-01B02 S	10+0	8-09-63 9-12-63 10-11-63 11-15-63 1-16-64 2-18-64 6-12-64	15+9 16+6 16+5 10+8 9+4 20+2 6+8	-5+9 -6+6 -6+5 -0+8 0+6 -10+2 3+2	5102	06S/11W-13D01 S	5+6	7-24-63 8-28-63 9-25-63 10-23-63 11-27-63 12-26-63	5+6 5+8 5+3 5+2 5+1 5+0	-0+2 0+3 0+4 0+5 0+6 0+6	5102
06S/11W-02D01 S	71+2	7-12-63 8-09-63 9-12-63 10-11-63 11-15-63 12-12-63 1-16-64 2-18-64 3-12-64 4-14-64 5-14-64 6-12-64	77+9 77+7 77+7 77+4 76+6 75+8 74+6 73+8 73+4 72+8 72+3 71+9	-6+7 -6+5 -6+5 -6+2 -5+4 -4+6 -3+4 -2+6 -2+2 -1+6 -1+1 -0+7	5102	06S/11W-13F02 S	2+7	7-24-63 8-28-63 9-25-63 10-23-63 11-27-63 12-26-63	2+1 2+3 1+7 1+6 0+9 0+8 0+5	0+6 0+6 1+0 1+1 1+8 1+9 2+2	5102
06S/11W-03J01 S	65+0	7-12-63 8-09-63 9-12-63 10-11-63 11-15-63 (CONT.)	58+2 58+2 59+6 58+0 57+8	6+8 6+8 5+4 7+0 7+2	5102			2+26-64 3-25-64 5-01-64 5-29-64 6-24-64	1+0 0+9 1+1 0+7 0+7	1+7 1+8 1+8 1+6 2+0	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01.A0											
EAST COASTAL PLAIN HYDRO SUBAREA Y-01.A1											
06S/11W-13G02 S	3+2	7-28-63 8-18-63 9-28-63 10-28-63 11-27-63 12-26-63 1-29-64 2-26-64 3-25-64 5-01-64 5-29-64 6-24-64	5*8 6*1 5*9 5*2 4*5 4*0 3*8 4*0 4*1 3*7 5*1 3*8	-2+6 -2+9 -2+9 -2+0 -1+1 -0+8 -0+6 -0+8 -0+9 -0+5 -1+9 -0+6	5102	03S/07W-29C01 S	466+8	7-17-63 8-31-63 9-28-63 10-28-63 11-27-63 12-26-63 1-29-64 2-26-64 3-25-64 5-01-64 5-29-64 6-24-64	24*6 24*6 24*7 24*7 24*6 24*6 24*6 24*6 24*7 24*4 24*4 24*4	442+2 442+1 442+1 442+1 442+2 442+2 442+2 442+1 442+1 442+4 442+4 442+4	5102
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01.A0											
SANTA ANA NARROWS HYDRO SUBAREA Y-01.A3											
06S/11W-13G03 S	2+1	7-24-63 8-28-63 9-25-63 10-23-63 11-27-63 12-26-63 1-29-64 2-26-64 3-25-64 5-01-64 5-29-64 6-24-64	3*5 4*3 4*4 4*4 3*7 3*6 3*6 3*2 3*1 2*9 2*9	-1+4 -2+2 -2+3 -2+3 -1+6 -1+5 -1+5 -1+1 -1+0 -0+8 -0+8	5102	03S/07W-29C02 S	471+4	7-03-63 7-31-63 8-14-63 8-28-63 9-18-63 10-02-63 10-16-63 10-30-63 11-13-63 12-04-63 12-18-63 1-02-64 1-15-64 1-29-64 3-04-64 3-18-64 4-01-64 4-15-64	28*4 28*4 28*5 28*6 28*7 28*6 28*5 28*4 28*5 28*4 28*3 28*3 28*3 28*3 28*3 28*3 28*3 28*3 28*3 28*3 28*3 28*3	643+0 643+0 643+0 642+8 642+7 642+8 642+9 643+0 643+0 643+0 643+1 643+1 643+1 643+1 643+1 643+1 643+1 643+1 643+1 643+1 643+1 643+1	5102
SANTA ANA NARROWS HYDRO SUBAREA Y-01.A3											
03S/07W-29C01 S	466+8	7-03-63 7-31-63 8-14-63 8-28-63 9-18-63 10-02-63 10-16-63 10-30-63 11-13-63 12-04-63 12-18-63 1-02-64 1-15-64 1-29-64 3-04-64 3-18-64 4-01-64 4-15-64	24*5 24*5 24*5 24*5 24*5 24*6 24*6 24*6 24*6 24*6 24*6 24*6 24*6 24*6 24*6 24*6 24*6 24*6 24*6 24*6 24*6 24*6 24*6	442+3 442+3	5102						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3 GROUND WATER LEVELS AT WELLS

Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01.00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01.A0						SANTA ANA NARROWS HYDRO SUBAREA Y-01.A3					
03S/07W-29C02 S						03S/07W-29D03 S					
(CONT.)	28.4	7-03-63	20.0	443.0	5102	1-15-64	18.6	441.2	439.9	5102	
	5-23-64		20.1	442.8		1-29-64	18.5	441.3	439.9		
	2-03-64		28.6	442.8		2-19-64	18.6	441.2	438.8		
	6-17-64		28.6	442.8		3-04-64	18.6	441.2	438.6		
03S/07W-29C03 S						03S/07W-29D04 S					
		7-03-63	20.0	441.1	5102	4-01-64	18.7	441.1	439.7		
		7-17-63	20.1	441.0		4-15-64	18.7	441.1	439.7		
		7-31-63	20.1	441.0		4-29-64	18.8	441.0	440.9		
		8-14-63	20.2	440.9		5-13-64	18.9	440.8	440.8		
		8-28-63	20.2	440.9		6-03-64	19.0	440.8	440.7		
		9-18-63	20.2	440.9		6-17-64	19.1	440.7	439.9		
		10-02-63	19.9	441.2		7-03-63	27.2	439.9	5102		
		10-16-63	19.9	441.2		7-17-63	27.2	439.9			
		10-30-63	20.0	441.1		7-31-63	27.3	439.8			
		11-13-63	20.0	441.1		8-14-63	27.3	439.6			
		12-04-63	19.7	441.4		8-28-63	27.4	439.7			
		12-18-63	19.8	441.3		7-18-63	27.4	439.7			
		1-02-64	19.7	441.4		10-02-63	27.4	439.7			
		1-15-64	20.0	441.1		10-16-63	27.4	439.7			
		1-29-64	19.9	441.2		10-30-63	27.4	439.8			
		2-19-64	19.9	441.2		11-13-63	27.4	439.7			
		3-04-64	20.0	441.1		12-02-63	27.2	439.9			
		3-18-64	20.2	440.9		12-18-63	27.2	439.9			
		4-01-64	20.0	441.1		1-02-64	27.2	439.9			
		4-15-64	20.0	441.1		1-15-64	27.2	439.9			
		4-29-64	20.1	441.0		1-29-64	27.1	440.0			
		5-13-64	20.2	440.7		2-19-64	27.1	440.0			
		6-03-64	20.4	440.7		3-04-64	27.1	440.0			
		6-17-64	20.4	440.7		3-18-64	27.2	439.9			
03S/07W-29D03 S						03S/07W-29D06 S					
		7-03-63	18.7	441.1	5102	4-01-64	27.2	439.9			
		7-17-63	18.7	441.1		4-15-64	27.2	439.9			
		7-31-63	18.7	441.1		4-29-64	27.2	439.9			
		8-14-63	18.8	441.0		5-13-64	27.3	439.8			
		8-28-63	18.8	441.0		6-03-64	27.4	439.7			
		9-18-63	18.8	441.0		6-17-64	27.4	439.7			
		10-02-63	18.6	441.2		7-03-63	34.2	446.3			
		10-16-63	18.5	441.3		7-17-63	34.3	446.7			
		10-30-63	18.6	441.2		7-31-63	34.3	446.2			
		11-13-63	18.6	441.2		8-14-63	34.3	446.2			
		12-04-63	18.4	441.4		8-28-63	34.3	446.2			
		12-18-63	18.4	441.4		9-18-63	34.4	446.1			
		1-02-64	18.5	441.3		10-02-63	34.4	446.1			
(CONT.)						(CONT.)					

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01+00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01+A0											
SANTA ANA NARROWS HYDRO SUBAREA Y-01+A3											
035/OTW-29D06 S	480.5	(CONT.)	34.4	446.1	5102	035/OTW-29E01 S	445.7	7-03-63	6.2	439.5	5102
		10-16-63	34.4	446.1				7-17-63	6.3	439.4	
		10-30-63	34.4	446.1				7-31-63	6.3	439.4	
		11-13-63	34.4	446.1				8-14-63	6.3	439.4	
		12-04-63	34.4	446.1				8-28-63	6.4	439.3	
		12-18-63	34.4	446.1				9-18-63	5.7	440.0	
		1-02-64	34.4	446.1				10-02-63	5.7	440.0	
		1-15-64	34.4	446.1				10-16-63	6.0	439.7	
		1-29-64	34.3	446.2				10-30-63	6.1	439.6	
		2-19-64	34.4	446.1				11-13-63	5.1	439.5	
		3-04-64	34.4	446.1				12-04-63	5.8	439.5	
		3-18-64	34.3	446.2				12-18-63	6.0	439.7	
		4-01-64	34.3	446.2				1-02-64	6.2	439.5	
		4-15-64	34.3	446.2				1-15-64	6.3	439.4	
		4-29-64	34.3	446.2				1-29-64	5.6	439.8	
		5-13-64	34.3	446.2				5-18-64	6.4	439.2	
		6-01-64	34.4	446.1				5-18-64	6.4	439.2	
		6-17-64	34.4	446.1				6-01-64	6.5	439.2	
								4-01-64	6.1	439.6	
								4-15-64	6.3	439.4	
								4-29-64	6.5	439.2	
								5-13-64	6.6	439.1	
								6-03-64	6.7	439.0	
								6-17-64	6.7	439.0	
035/OTW-29D07 S	464.6		14.5	450.1	5102	035/OTW-29E02 S	449.4	7-03-63	8.3	441.1	5102
		7-03-63	14.5	450.1				7-17-63	8.4	441.0	
		7-17-63	14.5	450.1				7-31-63	8.4	441.0	
		7-31-63	14.5	450.1				8-14-63	8.5	440.9	
		8-14-63	14.5	450.1				8-28-63	8.5	440.9	
		8-28-63	14.5	450.1				9-18-63	8.6	440.8	
		9-18-63	14.5	450.1				10-02-63	8.6	440.8	
		10-02-63	14.6	450.0				10-16-63	8.6	440.8	
		10-16-63	14.5	450.1				10-30-63	8.6	440.8	
		10-30-63	14.5	450.1				11-13-63	8.6	440.8	
		11-13-63	14.5	450.1				12-04-63	8.6	440.8	
		12-04-63	14.4	450.2				12-18-63	8.6	440.8	
		12-18-63	14.5	450.1				1-02-64	8.6	440.8	
		1-02-64	14.5	450.1				1-02-64	8.6	440.8	
		1-15-64	14.6	450.0				1-15-64	8.7	440.7	
		1-29-64	14.5	450.1				1-29-64	8.7	440.7	
		2-19-64	14.8	449.8				2-19-64	8.7	440.7	
		3-04-64	14.8	449.8				3-04-64	8.6	440.8	
		3-18-64	14.8	449.8				3-18-64	8.7	440.7	
		4-01-64	14.5	450.1				4-01-64	8.6	440.8	
		4-15-64	14.8	449.8				4-15-64	8.6	440.8	
		4-29-64	14.8	449.8				4-29-64	8.7	440.7	
		5-13-64	14.8	449.8				5-13-64	8.7	440.7	
		6-03-64	14.7	449.7				6-03-64	8.6	440.8	
		6-17-64	14.9	449.7				6-17-64	8.7	440.7	

** Approximate ground surface elevation

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
LOWER SANTA ANA RIV HYDRO SUBUNIT											
SANTA ANA NARROWS HYDRO SUBAREA											
03S/07M-29E02 S	449.4	(CONT.)	8.7	440.7	5102	03S/08W-26N02 S	387.0	3-04-64	10.3	376.7	5102
		4-15-64	8.7	440.7				4-01-64	9.6	377.4	
		4-29-64	8.7	440.7				7-01-63	70.5P	269.5	4715
		5-13-64	8.7	440.7				7-15-63	73.5P	266.5	
		6-03-64	8.7	440.7				9-23-63	16.3	323.7	
		6-17-64		449.4				9-31-63	12.8	327.2	
03S/07M-29F02 S	461.4	7-03-63	20.8	440.6	5102			10-02-63	12.7	327.3	5102
		7-17-63	21.2P	440.2				10-07-63	12.7	327.3	
		8-14-63	21.2P	440.5				10-21-63	14.9	325.1	4715
		8-28-63	21.5P	439.9				11-04-63	64.5P	275.5	
		9-18-63	21.2P	440.2				11-11-63	14.6	325.4	
		10-02-63	20.5	440.9				12-02-63	9.9	330.1	
		10-16-63	20.6	440.8				12-04-63	10.1	329.9	5102
		11-06-63	20.8	440.6				12-16-63	9.7	330.3	4715
		11-13-63	21.1P	440.3				1-06-64	9.7	330.3	
		12-04-63	20.4	441.0				1-20-64	12.0	328.0	
		12-18-63	20.6	440.8				2-03-64	9.7	330.3	
		1-02-64	20.8	440.6				2-05-64	9.9	330.1	5102
		1-15-64	20.8	440.6				2-17-64	9.7	330.3	4715
		2-05-64	20.9P	440.5				3-02-64	9.8	330.2	
		2-19-64	20.7	440.7				3-04-64	10.1	329.9	5102
		3-04-64	21.0	440.4				3-16-64	10.6	329.4	4715
		4-01-64	20.9	440.5				3-30-64	9.5	330.5	
		4-15-64	20.8	440.6				4-13-64	9.6	330.4	5102
		4-29-64	21.0	440.4				5-18-64	6.9P	283.5	4715
		6-03-64	21.2	440.2				6-18-64	6.4P	278.1	
		6-17-64	21.6P	439.8				6-08-64	64.0P	276.0	
		6-24-64	21.3	440.1				6-08-64	66.7P	273.3	
03S/07M-30K01 S	456.2	10-16-63	20.3	435.9	5102	03S/08W-29N01 S	320.0	7-01-63	38.5P	281.5	4715
		3-26-64	20.0	436.2				7-15-63	47.2P	272.8	
03S/08W-25J01 S	435.0	10-16-63	18.0	417.0	5102			7-29-63	57.5P	262.5	
		3-26-64	17.5	417.5				8-12-63	63.8P	256.2	
03S/08W-26N02 S	387.0	7-03-63	11.2	375.8	5102			9-02-63	41.7P	278.3	
		10-02-63	10.8	376.2				9-16-63	34.7P	285.3	
		11-06-63	10.6	376.4				9-23-63	30.9	309.2	
		12-04-63	10.0	377.0				10-07-63	10.8	298.5	
		2-05-64	10.2	376.8				10-21-63	9.0	311.0	
		(CONT.)						10-28-63	7.8	312.2	
								11-04-63	21.8P	298.2	
								11-11-63	8.5	311.5	
								12-02-63	6.8	313.2	
								(CONT.)			

* Questionable measurement

P Pumping measurement

A Air gauge measurement

** Approximate ground surface elevation

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data							
SANTA ANA RIVER HYDRO UNIT Y-01-00																		
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0																		
SANTA ANA NARROWS HYDRO SUBAREA Y-01-A3																		
035/08W-29N01 S	320.0	(CONT.) 12-16-63 1-06-64 1-20-64 2-03-64 7-4 3-12-64 7-2 3-12-64 7-9 3-12-64 7-9 3-30-64 6-7 4-13-64 6-7 3-13-63 5-04-64 21-3P 5-18-64 23-1P 296.9 6-01-64 6-15-64 23-1P 296.9	7.1 313.0 8.1 311.9 312.6 7.4 312.6 312.9 312.2 312.2 313.2 313.3 313.3 313.3 21.3P 298.7 296.9 296.5 296.5 296.9	312.9 313.0 311.9 312.6 312.9 312.2 312.2 313.2 313.3 313.3 21.3P 298.7 296.9 296.5 296.9	4715	035/08W-29P01 S	336.0	5-18-64 6-01-64 6-15-64	20.0 45.1P 50.6P	316.0 250.9 285.4	4715							
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0																		
SANTA ANA NARROWS HYDRO SUBAREA Y-01-A3																		
035/08W-29P01 S	336.0	(CONT.) 7-01-63 7-15-63 8-05-63 8-05-63 8-16-63 9-02-63 9-16-63 9-30-63 22.1 313.9 10-02-63 20.0 53.0P 10-14-63 53.0P 10-28-63 16.0 320.0 11-04-63 20.0 316.0 11-11-63 16.8 319.2 12-02-63 13.4 324.6 324.6 12.2 324.8 12.2 324.8 4715 1-08-64 10.9 325.1 5102 1-20-64 15.0 331.0 4715 2-03-64 12.2 323.8 2-17-64 11.2 324.8 324.2 11.8 324.2 10.9 325.1 5102 3-04-64 10.9 325.1 5102 3-16-64 13.5 322.5 4715 3-30-64 11.7 324.3 4715 4-01-64 10.8 325.2 5102 4-06-64 11.7 324.3 4715 5-20-64 11.3 324.7 4715 5-04-64 43.5P 292.5	336.0	7-01-63 7-15-63 8-05-63 8-05-63 8-16-63 9-02-63 9-16-63 9-30-63 22.1 313.9 10-02-63 20.0 53.0P 10-14-63 53.0P 10-28-63 16.0 320.0 11-04-63 20.0 316.0 11-11-63 16.8 319.2 12-02-63 13.4 324.6 324.6 12.2 324.8 12.2 324.8 4715 1-08-64 10.9 325.1 5102 1-20-64 15.0 331.0 4715 2-03-64 12.2 323.8 2-17-64 11.2 324.8 324.2 11.8 324.2 10.9 325.1 5102 3-04-64 10.9 325.1 5102 3-16-64 13.5 322.5 4715 3-30-64 11.7 324.3 4715 4-01-64 10.8 325.2 5102 4-06-64 11.7 324.3 4715 5-20-64 11.3 324.7 4715 5-04-64 43.5P 292.5	73.2P 73.2P 73.5P 70.5 27.8 27.8 21.5 317.5 18.0 321.0 319.3 19.7 10-21-63 10-28-63 17.2 321.8 3-6.1 11-11-63 17.3 321.7 4715 12-02-63 13.0 326.0 12-04-63 11.9 327.1 5102 12-16-63 12.1 326.9 4715 1-06-64 11.2 327.8 1-08-64 11.8 327.2 5102 1-20-64 14.5 324.5 4715 2-03-64 11.5 327.5 5102 2-05-64 11.5 327.5 5102 3-02-64 11.3 327.7 4715 3-04-64 11.4 327.6 5102 3-16-64 12.7 329.3 4715 3-30-64 11.9 328.1 4715 4-06-64 11.1 327.9 4715 5-20-64 68.0P 271.0 5-04-64 17.0 322.0	265.8 265.5 318.5 318.5 311.2 317.5 321.0 319.3 321.8 321.7 4715 326.0 327.1 5102 327.8 327.2 5102 324.5 4715 327.5 5102 327.7 4715 327.6 5102 329.3 4715 328.1 4715 327.9 4715 271.0 322.0	4715	035/08W-29Q01 S	339.0	7-01-63 7-15-63 8-05-63 8-05-63 8-16-63 9-02-63 9-16-63 9-30-63 21.5 317.5 18.0 321.0 319.3 19.7 10-21-63 10-28-63 17.2 321.8 3-6.1 11-11-63 17.3 321.7 4715 12-02-63 13.0 326.0 12-04-63 11.9 327.1 5102 12-16-63 12.1 326.9 4715 1-06-64 11.2 327.8 1-08-64 11.8 327.2 5102 1-20-64 14.5 324.5 4715 2-03-64 11.5 327.5 5102 2-05-64 11.5 327.5 5102 3-02-64 11.3 327.7 4715 3-04-64 11.4 327.6 5102 3-16-64 12.7 329.3 4715 3-30-64 11.9 328.1 4715 4-06-64 11.1 327.9 4715 5-20-64 68.0P 271.0 5-04-64 17.0 322.0	265.8 265.5 318.5 318.5 311.2 317.5 321.0 319.3 321.8 321.7 4715 326.0 327.1 5102 327.8 327.2 5102 324.5 4715 327.5 5102 327.7 4715 327.6 5102 329.3 4715 328.1 4715 327.9 4715 271.0 322.0	4715	035/08W-29Q02 S	338.0	7-01-63 7-15-63 8-05-63 8-05-63 8-16-63 9-02-63 9-16-63 9-30-63 21.5 317.5 18.0 321.0 319.3 19.7 10-21-63 10-28-63 17.2 321.8 3-6.1 11-11-63 17.3 321.7 4715 12-02-63 13.0 326.0 12-04-63 11.9 327.1 5102 12-16-63 12.1 326.9 4715 1-06-64 11.2 327.8 1-08-64 11.8 327.2 5102 1-20-64 14.5 324.5 4715 2-03-64 11.5 327.5 5102 2-05-64 11.5 327.5 5102 3-02-64 11.3 327.7 4715 3-04-64 11.4 327.6 5102 3-16-64 12.7 329.3 4715 3-30-64 11.9 328.1 4715 4-06-64 11.1 327.9 4715 5-20-64 68.0P 271.0 5-04-64 17.0 322.0	298.5 298.5 493.5 287.0 280.7 279.1 279.0P 279.0 319.7 16.7 321.3 10-21-63 19.0 319.0 11-04-63 30.5P 307.5 11-11-63 16.6 321.4	302.3 298.5 493.5 287.0 280.7 279.1 279.0P 279.0 319.7 16.7 321.3 10-21-63 19.0 319.0 11-04-63 30.5P 307.5 11-11-63 16.6 321.4	4715

• Questionable measurement

** Approximate ground surface elevation

P. Pumping measurement

A. Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0											
SANTA ANA NARROWS HYDRO SUBAREA Y-01-A3											
03S/08W-29002 S	338+0	(CONT.) 12-02-63 12-16-63 1-06-64 1-20-64 2-03-64 2-17-64 3-02-64 3-16-64 3-30-64 4-13-64 5-04-64 5-18-64 5-25-64 6-08-64 6-15-64	13.1 12.2 12.2 15.3 12.3 12.3 12.3 13.7 12.0 11.9 12.7 12.7 16.9 33.0P 34.2P	324+9 325+8 325+8 322+7 325+7 325+7 325+7 324+3 326+0 326+1 312+7 308+5 321+1 305+0 303+8	4715	03S/08W-30U01 S	350+0**	4-01-64	40+6	309+4	5102
03S/08W-30N01 S	329+7**	7-03-63 8-09-63 9-12-63 10-02-63 11-06-63 12-04-63 1-08-64 2-05-64 3-04-64 4-01-64 5-06-64 5-06-64	30.7 31.1 33.0 32.2 28.0 24.0 24.0 23.6 23.9 23.8 23.6	289+0 293+9 292+5 297+5 301+7 304+7 305+7 306+1 305+8 305+9 306+1		03S/08W-30R01 S	327+0**	8-09-63 8-09-63 9-12-63 2-05-64 3-04-64 4-01-64 5-06-64	39+9P 57+8P 27+5P 10+6 9+0 9+5 9+7 9+2 10+1 9+6 10+3 10+6	287+1 269+2 299+5 316+4 318+0 317+3 317+8 316+9 317+4 316+7 316+4	5102
03S/08W-30N02 S	329+0**	9-12-63 10-02-63 11-06-63 12-04-63 1-08-64 2-05-64 3-04-64 4-01-64 5-06-64	35.6 30.6 26.4 23.4 22.4 22.1 22.2 22.1	293+4 298+4 302+6 305+6 306+6 306+9 306+8 306+8	5102	03S/08W-31U01 S	327+0**	8-09-63 10-02-63 11-06-63 1-08-64 2-05-64 3-04-64 4-01-64	28+6 24+6 20+5 20+7 17+2 17+4 17+4	298+4 302+4 306+5 306+3 309+8 309+6	5102
03S/08W-30O01 S	350+0**	10-02-63 11-06-63 12-04-63 1-08-64 2-05-64 3-04-64 4-01-64 5-06-64	46.1 42.7 41.2 40.7 41.0	303+9 307+3 308+8 309+3 309+0	5102	03S/08W-31E02 S	315+0**	9-12-63 10-02-63 11-06-63 12-04-63 1-08-64 3-04-64 4-01-64 5-06-64	22+4* 16+6 16+1 15+8 16+0 16+4 15+8 19+1	292+6 298+4 298+9 299+2 299+0 299+6 299+2 299+9	5102
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0											
SANTA ANA NARROWS HYDRO SUBAREA Y-01-A3											
03S/08W-30N01 S	329+7**	7-03-63 8-09-63 9-12-63 10-02-63 11-06-63 12-04-63 1-08-64 2-05-64 3-04-64 4-01-64 5-06-64 5-06-64	30.7 31.1 33.0 32.2 28.0 24.0 24.0 23.6 23.9 23.8 23.6	289+0 293+9 292+5 297+5 301+7 304+7 305+7 306+1 305+8 305+9 306+1		03S/08W-30R02 S	327+3**	7-03-63 8-09-63 9-12-63 2-05-64 3-04-64 4-01-64 5-06-64	33+4* 53+5* 17+8* 10+7* 10+5* 10+7* 11+1*	293+9 273+8 317+4 316+3 316+8 317+3 316+6 316+2	5102
03S/08W-30N02 S	329+0**	9-12-63 10-02-63 11-06-63 12-04-63 1-08-64 2-05-64 3-04-64 4-01-64 5-06-64	35.6 30.6 26.4 23.4 22.4 22.1 22.2 22.1	293+4 298+4 302+6 305+6 306+6 306+9 306+8 306+8	5102	03S/08W-31E03 S	312+0	7-03-63 (CONT.)	40+0P	272+0	5102

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01+00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01+00											
SANTA ANA NARROWS HYDRO SUBAREA Y-01+03											
03S/08W-31M01 S	310+6	4-01-64	7*1	304*5	5102	03S/08W-31M01 S	310+6	4-01-64	7*1	304*5	5102
		8-09-63	48*1P	263*9				4-06-64	6*6	304*0	
		9-12-63	33*4P	278*6				5-20-64	6*5	304*1	
		10-02-63	8*4	303*6				5-04-64	7*4	303*2	
		11-06-63	7*8	304*2				5-06-64	8*0	302*6	5102
		12-04-63	7*7	304*3				5-18-64	7*0	303*6	4715
		1-08-64	7*8	304*2				6-01-64	6*8	303*8	
		2-05-64	8*4	303*6				6-03-64	7*6	303*0	5102
		3-04-64	8*1	303*9				6-16-64	6*7	303*9	4715
		4-01-64	7*6	304*4				9-12-63	10*3	300*2	5102
		5-06-64	8*3	303*7				9-23-63	6*1	305*9	4715
		6-03-64	8*0	303*6				10-09-63	6*1	301*0	5102
		7-01-63	38*5P	272*1	4715			10-07-63	6*5	303*5	4715
		7-03-63	42*8P	268*7	5102			10-21-63	5*8	304*2	
		7-15-63	42*8P	268*2	4715			11-04-63	5*5	304*5	
		7-29-63	25*6P	287*0	5102			11-06-63	9*4	301*1	5102
		8-09-63	23*6	287*0	4715			11-11-63	5*5	304*5	4715
		8-12-63	47*9P	262*7	4715			12-02-63	5*1	304*9	
		8-26-63	40*5P	270*1	4715			12-04-63	8*8	301*7	5102
		9-02-63	36*1P	274*5	5102			12-16-63	5*7	304*3	4715
		9-12-63	9*7	300*9	4715			1-06-64	5*4	304*6	
		9-16-63	27*7	277*7	4715			1-20-64	5*7	304*3	
		9-30-63	7*4	303*2	5102			2-03-64	5*9	304*1	5102
		10-02-63	7*8	302*8	4715			2-05-64	9*8	300*5	4715
		10-07-63	7*3	303*3	4715			2-17-64	5*5	304*5	4715
		10-21-63	7*1	303*5				3-02-64	6*0	304*0	
		10-28-63	6*7	303*9				3-04-64	9*4	301*1	5102
		11-04-63	6*8	303*8	5102			3-16-64	5*6	304*4	
		11-06-63	7*4	303*2	4715			3-30-64	5*1	304*9	5102
		11-11-63	6*7	303*9	4715			4-01-64	8*8	301*7	4715
		12-02-63	6*7	303*9	5102			4-06-64	5*3	304*7	4715
		12-04-63	7*2	303*4	4715			4-20-64	5*1	304*9	5102
		12-16-63	7*1	303*5	4715			5-06-64	6*1	303*6	4715
		1-06-64	6*7	303*9	5102			5-28-64	5*4	304*5	
		1-08-64	7*5	303*1	5102			6-01-64	8*4	301*6	
		1-19-64	7*0	303*6	4715			6-15-64	6*4	303*7	5102
		2-03-64	8*5	303*1	5102			7-03-63	26*1	299*9	5102
		2-09-64	8*1	303*1	4715			8-09-63	30*2	295*8	
		2-17-64	7*1	303*5	4715			9-12-63	30*0	296*0	
		2-18-64	7*0	303*6	4715			(CONT.)			
		2-22-64	7*0	303*6	4715						
		3-04-64	7*7	302*9	5102						
		3-16-64	7*0	303*6	4715						
		3-30-64	6*4	304*2							
		(CONT.)									

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0											
SANTA ANA NARROWS HYDRO SUBAREA Y-01-A3											
035/08W-31N01 S	326.0	(CONT.)	26.9	299.1	5102	035/08W-32U01 S	360.0	3-30-64	12.0	354.2	4715
		10-02-63	26.9	299.1				4-06-64	11.9	348.5	
		11-06-63	25.6	300.4				4-2-64	11.8	348.2	
		12-04-63	25.2	300.8				5-6-64	24.7*	335.3	
		1-08-64	25.3	300.7				5-11-64	26.3*	333.7	
		2-05-64	25.3	300.7				5-01-64	26.7*	333.3	
		3-04-64	25.4	300.6				6-15-64	17.9	354.1	
		4-01-64	25.2	300.8							
		5-06-64	24.9	301.1							
		6-03-64	24.8	301.2							
SANTA ANA RIVER HYDRO UNIT											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0											
SANTA ANA NAKKURS HYDRO SUBAREA Y-01-A3											
035/08W-31N03 S	325.0**	7-03-63	28.9	296.1	5102	035/08W-33C01 S	360.0**	7-03-63	5.8	354.2	5102
		8-09-63	33.7	291.3				8-07-63	6.2	353.8	
		10-02-63	30.1	294.9				10-02-63	4.9	355.5	
		11-06-63	28.3	296.7				11-06-63	4.7	355.3	
		12-04-63	27.3	297.7				12-04-63	4.2	352.8	
		1-08-64	27.0	298.0				2-05-64	4.5	353.5	
		2-05-64	27.2	297.8				3-04-64	4.7	352.3	
		3-04-64	27.1	297.9				4-01-64	4.2	352.8	
		4-01-64	26.9	298.1				5-06-64	4.1	354.9	
		5-06-64	26.8	298.2				6-03-64	5.3	353.7	
		6-03-64	26.8	298.2							
SANTA ANA RIVER HYDRO UNIT											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0											
SANTA ANA NAKKURS HYDRO SUBAREA Y-01-A3											
035/08W-32D01 S	360.0	7-01-63	41.5P	318.5	4715	035/08W-34C01 S	368.0	7-03-63	7.1	353.8	1102
		7-15-63	48.5P	311.5				8-07-63	7.1	353.8	
		7-29-63	58.8P	304.2				10-02-63	6.5	361.5	
		8-12-63	60.5P	299.5				11-06-63	6.7	361.3	
		8-26-63	52.0P	308.0				12-04-63	6.0	362.0	
		9-09-63	27.8*	332.2				1-08-64	9.6	353.5	
		9-23-63	18.3	341.7				2-05-64	8.8	361.7	
		9-30-63	16.1	343.9				3-04-64	6.7	361.3	
		10-07-63	15.7	344.3				4-01-64	9.4	361.6	
		10-21-63	15.2	344.8				5-06-64	6.9	361.1	
		11-04-63	15.7	344.3				6-03-64	7.2	360.8	
		11-11-63	14.1	345.9							
		12-02-63	12.8	347.2							
		12-16-63	12.4	347.6							
		1-06-64	12.1	347.9							
		1-20-64	14.0	346.0							
		2-03-64	14.8	345.2							
		3-05-64	14.9	346.3							
		3-16-64	14.0	346.0							
(CONT.)											

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
Y-01*00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01*00											
SANTA ANA NARROWS HYDRO SUBAREA											
035/09W-35B02 S	420.0**	(CONT.) 1-08-64 2-05-64 3-04-64 4-01-64 5-06-64 6-03-64	28.4 27.3 28.7 27.0 27.8 29.1	391.6 392.7 391.3 393.0 392.2 390.9	5102	035/09W-36R02 S	306.9	7-03-63 8-09-63 9-12-63 10-02-63 11-06-63 12-08-63 2-08-64 3-04-64 4-01-64 5-06-64 6-03-64	10.1 13.1 9.4 9.1 8.6 8.8 9.4 9.0 8.3 8.3 8.3	296.8 293.8 291.5 291.2 298.4 298.1 297.5 297.9 298.6 298.6 298.6	5102
035/09W-36F02 S	305.0	7-03-63 8-09-63 9-12-63 10-02-63 11-06-63 12-04-63 1-08-64 2-05-64 3-04-64 4-01-64 5-06-64 6-03-64	5.5 5.2 9.0 7.1 5.4 4.7 4.7 4.8 5.0 4.7 4.6 4.4	299.5 296.6 296.0 297.9 299.6 300.3 300.3 300.2 300.0 300.3 300.4 300.6	5102	045/08W-06D01 S	334.4	7-03-63 8-09-63 9-12-63 10-02-63 11-06-63 12-04-63 1-08-64 2-05-64 3-04-64 4-01-64 5-06-64 6-03-64	44.1 47.6 47.7 45.6 44.1 43.7 43.5 43.6 43.7 43.5 43.2 43.2	290.3 286.8 286.7 288.8 290.3 290.7 290.9 290.8 290.7 290.9 291.2 291.2	5102
035/09W-36G01 S	298.1	7-03-63 8-09-63 9-12-63 10-02-63 11-06-63 12-04-63 1-08-64 2-05-64 3-04-64 4-01-64 5-06-64 6-03-64	4.6 6.3 5.7 5.2 4.3 4.0 4.0 4.2 4.3 3.8 3.8 3.8	293.5 291.8 292.4 292.9 293.8 294.1 294.1 293.9 293.9 294.2 294.3 294.3	5102	045/09W-01B03 S	299.2**	7-03-63 8-09-63 9-12-63 10-02-63 11-06-63 12-04-63 1-08-64 2-05-64 3-04-64 4-01-64 5-06-64 6-03-64	13.9 14.7 14.7 12.5 12.8 11.8 11.2 12.1 12.1 12.8 11.6 12.8	285.3 286.5 286.5 286.7 287.4 287.0 287.1 286.4 287.6 286.4 286.4	5102
035/09W-36R01 S	299.0	8-09-63 10-02-63 11-06-63 12-04-63 1-08-64 2-05-64 3-04-64 4-01-64 5-06-64 6-03-64	10.9 7.4 6.8 6.7 6.9 7.2 6.8 7.1 6.6 6.6	288.1 291.6 292.2 292.3 292.1 291.8 292.2 291.9 291.9 292.4	5102	045/09W-01E01 S	287.0**	7-03-63 8-09-63 9-12-63 10-02-63 11-06-63 12-04-63 2-05-64	10.1 14.3 10.9 7.6 8.3 5.7 6.4	276.9 272.7 276.1 279.4 278.7 281.3 280.6	5102

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elevation In Feet	Agency Supplying Data	State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elevation In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LOWER SANTA ANA RIV HYDRO SUBUNIT Y-01-A0											
SANTA ANA NARROWS HYDRO SUBAREA Y-01-A3											
04S/09W-01E01 S	287.0**	3-04-64 4-01-64 5-06-64	6.3 6.1 7.5	280.7 280.9 279.5	5102	04S/09W-01F05 S	321.1	9-12-63 10-02-63 11-06-63 12-04-63	42.0 40.2 39.6 38.3	279.1 280.9 281.5 282.8	5102
04S/09W-01E02 S	299.1**	7-03-63 8-09-63 10-02-63 11-06-63 12-04-63	18.6 21.7 17.2 20.0*	280.5 277.4 281.9 279.1	5102			1-08-64 2-05-64 3-04-64 4-01-64 5-06-64 6-03-64	38.5 38.5 38.7 38.7 39.0 38.9	282.5 282.6 282.4 282.4 282.1 282.2	
04S/09W-01E03 S	291.1**	7-03-63 8-09-63 9-12-63 10-02-63 11-06-63 12-04-63	11.9 15.1 14.0 9.2 10.0 7.7	279.2 276.0 277.1 281.9 283.4 283.4	5102	04S/09W-01G01 S	318.7	7-03-63 8-09-63 9-12-63 10-02-63 11-06-63 12-04-63	34.9 39.9 36.3 33.9 33.7 33.5	283.8 278.8 282.4 284.9 284.8 285.0	5102
04S/09W-01F03 S	318.7	7-03-63 8-09-63 9-12-63 10-02-63 11-06-63 12-04-63	34.8 39.8 36.1 33.7 33.8 32.7	283.9 278.9 282.6 285.0 284.9 286.0	5102	04S/09W-02A01 S	283.0**	7-03-63 8-09-63 9-12-63 10-02-63 11-06-63 12-04-63	10.2 18.5 8.8 7.5 6.6*	272.8 264.5 274.2 275.5 276.4 276.5	5102
		1-08-64 2-05-64 3-04-64 4-01-64 5-06-64 6-03-64	33.4 33.1 34.6 35.9 32.9 34.0	285.3 285.6 284.1 289.0 289.0 289.1				1-08-64 2-05-64 3-04-64 4-01-64 5-06-64 6-03-64	7.0 8.1 7.6 6.5 6.7 6.7	276.0 274.9 275.4 276.5 276.3 276.3	
04S/09W-01F05 S	321.1	7-03-63 8-09-63 9-12-63 10-02-63 11-06-63 12-04-63	39.3 41.2 41.2	281.8 279.9 279.9	5102	04S/09W-02A02 S	285.0**	7-03-63 8-09-63 9-12-63 10-02-63 11-06-63 12-04-63	9.5 9.3 7.3 6.7 6.3 6.2	275.5 276.7 277.7 278.3 278.5 278.2	5102
		1-08-64 2-05-64 3-04-64 4-01-64 5-06-64 6-03-64	39.3 41.2 41.2	281.8 279.9 279.9				1-08-64 2-05-64 3-04-64 4-01-64 5-06-64 6-03-64	7.4 7.4 7.4 7.4 7.4 7.4	277.6 277.6 277.6 277.6 277.6 277.6	

* Questionable measurement

** Approximate ground surface elevation

P. Pumping measurement

(CONT.)

A. Air-gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01.00											
CHINO HYDRO SUBAREA											
01S/04W-32H01 S	917.8	11-27-63	104.0	813.8	5718	01S/05W-05A02 S	1407.0	7-02-63	306.8A	1102.2	4706
		4-06-64	102.2	815.6				8-01-63	329.7A	1077.3	
								9-03-63	339.0A	1068.0	
								10-03-63	341.3A	1065.7	
								11-04-63	325.1A	1080.9	
								11-29-63	325.8A	1084.2	
								1-07-64	317.6A	1089.4	
								2-04-64	315.7A	1092.3	
								3-09-64	315.5A	1093.5	
								5-05-64	313.5A	1093.2	
								6-02-64	334.4A	1072.6	
01S/05W-05A03 S	1406.0	7-02-63	303.7A	1102.3	4706			8-01-63	351.8P	1054.2	
								9-03-63	361.0P	1045.0	
								10-03-63	362.2P	1043.8	
								11-04-63	323.0A	1083.0	
								11-29-63	318.3A	1087.7	
								1-07-64	314.8A	1091.2	
								2-04-64	312.5A	1093.5	
								3-03-64	317.1A	1088.9	
								4-03-64	314.8A	1091.2	
								5-05-64	314.8A	1091.2	
								6-02-64	356.4P	1059.6	
01S/05W-06J01 S	1364.0	9-03-63	576.9P	787.1	4706			11-29-63	579.2P	784.8	
								3-03-64	586.3P	775.5	
								6-04-64	599.4P	768.6	
01S/05W-07H01 S	1235.2	9-03-63	469.4A	765.8	4706			11-29-63	469.4A	765.4	
								3-05-64	469.8A	785.4	
								6-04-64	455.6A	779.8	
01S/05W-07H01 S	1247.8	9-03-63	516.6P	731.2	4706			11-29-63	477.3A	770.5	
								3-03-64	404.3A	763.5	
								6-04-64	511.4P	732.4	

** Approximate ground surface elevation

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Identifier	G. S. Elev. on Foot	Depth	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Identifier	G. S. Elev. on Foot	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV HYDR SUBUNIT						Y-01.00					
CHINO HYDRO SUBAREA											
01S/05W-16CU1 S	1227.3	9-03-63	411.7	815.6	4706	01S/05W-22E01 S	1105.7	1-07-64	286.9	820.8	5100
		11-29-63	412.0	815.3				1-11-64	286.5	821.1	5100
		2-03-64	409.0	817.3				1-31-64	286.4	820.8	5100
		3-03-64	414.9	812.4				2-07-64	286.0	821.7	5713
		5-06-64	415.1	812.5				3-06-64	286.0	819.7	5100
		6-01-64	415.5	811.8				4-01-64	283.8	821.9	5713
								4-09-64	283.6	821.9	5100
01S/05W-16J01 S	1180.8	9-03-63	366.7	814.1	4706			5-07-64	286.9	820.1	5713
		11-29-63	361.2A	819.6				5-09-64	284.0	821.9	5100
		3-02-64	363.5A	817.3				5-29-64	285.5	820.2	5100
		6-04-64	367.0A	813.8				6-06-64	284.4	821.3	5713
01S/05W-19AUI S	1156.9	9-03-63	381.3A	775.6	4706	01S/05W-29A01 S	1082.4	7-10-63	291.8	790.6	4124
		11-29-63	381.3A	775.6				8-01-63	326.6P	755.8	
		3-03-64	381.3A	775.6				9-03-63	285.9	796.5	
		6-04-64	387.0A	769.9				10-01-63	284.6	787.8	
01S/05W-19D01 S	1142.0	9-03-63	370.5A	771.5	4706			12-01-63	286.0	796.4	
		11-29-63	371.7A	770.3				1-02-64	286.0*	796.4	
		3-03-64	374.0A	768.0				2-04-64	286.0*	776.4	
		6-04-64	374.0A	768.0				3-04-64	286.0*	776.4	
01S/05W-19J01 S	1106.9	9-03-63	335.4A	771.5	4706	01S/05W-30L01 S	1049.0	4-07-64	294.0*	778.4	
		11-29-63	335.4A	771.5				6-02-64	285.0*	787.4	
		3-03-64	336.0A	770.3				9-03-63	277.5	771.5	4706
		6-03-64	338.9A	768.0				11-29-63	277.5	771.5	
01S/05W-19K01 S	1101.0**	12-01-63	220.0	881.0	4124			3-05-64	280.8	768.2	
		1-02-64	219.0	882.0				6-03-64	281.5	767.5	
		2-04-64	217.0	884.0				9-03-63	506.7A	739.8	4706
		3-04-64	215.0	886.0				11-29-63	505.6A	740.9	
01S/05W-22E01 S	1105.7	7-06-63	283.0	822.7	5713	01S/06W-11B01 S	1246.5	3-03-64	488.3A	738.2	
		8-02-63	284.0	821.1	5100			6-03-64	519.4A	727.1	
		8-03-63	283.9	820.0	5713	01S/06W-11N01 S	1165.8	9-03-63	411.9P	784.9	4706
		8-30-63	285.0	820.7	5100			11-29-63	411.0P	771.7	
		9-07-63	284.0	821.7	5713			2-03-64	425.0P	743.0	
		9-30-63	285.1	820.6	5100			6-02-64	429.2P	736.0	
		10-05-63	285.0	820.7	5713	01S/06W-12P01 S	1209.7	9-03-63	443.8P	766.3	4706
		10-30-63	284.9	820.8	5100			11-29-63	442.3A	760.5	
		11-02-63	284.7	821.9	5713			3-03-64	439.8A	769.8	
		11-29-63	284.7	821.0	5100			6-04-64	446.8P	762.9	
		12-14-63	284.0	821.7	5713						

* Questionable measurement

** Approximate point to the surface

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data
MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDR SUBAREA											
01S/06W-16A01 S	1112.6	7-09-63 11-19-63 1-02-64 2-03-64 3-11-64 4-13-64 5-08-64 6-04-64	373.3 369.6 376.9 376.6 377.9 374.7 379.6 380.1	739.3 743.0 735.7 736.0 734.7 734.7 733.0 732.5	4850	01S/06W-26C01 S	1024.9	9-03-63 11-29-63 3-05-64 6-03-64	273.8A 273.8A 275.7A 276.8A	751.1 751.1 749.2 748.1	4706
01S/06W-16G01 S	1091.6	7-09-63 11-19-63 1-02-64 2-03-64 3-11-64 4-13-64 5-08-64 6-04-64	352.5 350.0 350.0 356.6 356.7 367.1 357.7 359.0	739.1 741.6 741.6 735.0 734.9 734.8 724.5 734.6	4850	01S/06W-27L01 S	956.5	8-02-63 9-03-63 9-30-63 10-30-63 11-29-63 12-02-63 1-01-64 1-07-64 3-03-64 3-06-64 4-09-64 5-07-64 5-29-64 6-04-64	223.2 223.7 223.7 222.5 223.7 223.0 225.6 225.4 223.4 223.5 223.5 223.0 222.9 227.4	5100 4706 5100 4706 5100 4706 5100 4706 4706 5100 4706 5100 4706	
01S/06W-16L01 S	1075.0**	9-03-63 11-29-63 3-03-64	336.0 338.0 340.0	739.0 737.0 735.0	4706	01S/06W-31M01 S	861.8	11-27-63 4-06-64	216.8 214.7*	645.0 647.1	5100
01S/06W-20B01 S	1043.0	8-02-63 8-30-63 9-30-63 10-30-63 11-29-63 1-07-64 1-31-64 3-06-64 5-07-64 5-29-64	321.9 327.0 320.6 335.2 321.6 319.2 333.8 328.7 332.8 323.6	721.1 716.0 722.4 707.8 721.4 723.8 709.2 714.3 710.2 719.4	5100	01S/06W-32A01 S	901.5	11-22-63 4-07-64	189.5 170.2*	712.0 707.2	5100
01S/06W-23D01 S	1079.0	9-03-63 11-29-63 3-03-64 6-03-64	327.8A 317.8A 331.3A 331.3A	751.2 747.7 747.7 747.7	4706	01S/06W-33M01 S	868.8	9-20-63 11-22-63 4-06-64	167.7 166.8 166.8*	701.1 702.0 702.0	5100
01S/06W-25C01 S	1050.0**	9-03-63 11-29-63 3-05-64 6-04-64	288.5 290.6 289.7 291.7	761.5 759.4 760.3 758.3	4706	01S/06W-34B01 S	937.0	4-09-64	205.5*	731.5	5100
						01S/06W-36D01 S	979.0	12-02-63 4-09-64	248.4 195.4*	730.6 735.4	5100
						01S/07W-08N01 S	1212.2	7-15-63 9-15-63 10-15-63 11-15-63 12-15-63 1-15-64 2-15-64 3-15-64 4-15-64	605.4A 605.4A 611.6P 609.4P 599.4P 604.4P 589.4A 604.4P 604.4P	606.8 600.8 600.8 602.8 612.8 607.8 622.8 637.8 607.8	4235

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

Stake Well Number	G. S. Elev., In Feet	Date	Dist. G. S. To Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	Stake Well Number	G. S. Elev., In Feet	Date	Dist. G. S. To Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV HYDR SUBUNIT											
CHINO HYDRO SUBAREA											
Y-01-B1											
01S/07W-08N01 S	1212*2	5-15-64	589*4A	622*8	4235	01S/07W-14L01 S	1066*0**	8-02-63	405*0P	661*0	4702
		6-15-64	606*4P	605*8				9-01-63	375*0A	691*0	
01S/07W-14D01 S	1094*0**	7-06-63	460*0P	636*0	4702			10-03-63	372*0A	694*0	
		8-02-63	458*0P	636*0				11-01-63	370*0A	686*0	
		9-01-63	449*0P	645*0				11-02-63	382*0A	695*0	
		10-03-63	444*0P	650*0				2-03-64	371*0A	694*0	
		11-04-63	449*0P	645*0				3-04-64	376*0A	695*0	
		12-01-63	398*0	696*0				4-10-64	373*0A	693*0	
		1-02-64	442*0P	652*0				5-04-64	373*0A	693*0	
		2-03-64	439*0P	655*0				6-02-64	380*0A	686*0	
		3-04-64	409*0	685*0							
		4-10-64	402*0	692*0							
		5-04-64	402*0	692*0							
		6-02-64	407*0	687*0							
01S/07W-14E01 S	1080*0	7-06-63	447*5P	632*5	4702	01S/07W-17E01 S	1155*0	7-15-63	465*0P	690*0	4235
		8-02-63	447*5P	632*5				9-15-63	462*0P	693*0	
		9-01-63	397*0	683*0				10-15-63	448*0A	707*0	
		10-03-63	396*5	685*5				11-15-63	460*0P	695*0	
		11-04-63	393*0	687*0				12-15-63	440*0A	715*0	
		12-01-63	384*5	692*5				1-15-64	463*0P	692*0	
		2-03-64	398*5	690*0				2-15-64	464*0P	691*0	
		3-04-64	438*5P	693*5				3-15-64	465*0P	690*0	
		4-10-64	381*0P	694*0				4-15-64	467*0P	688*0	
		5-04-64	386*0	694*0				5-15-64	455*0A	700*0	
		6-02-64	390*0	690*0				6-15-64	450*0A	705*0	
01S/07W-14G01 S	1040*0**	7-06-63	441*0P	599*0	4702	01S/07W-17J01 S	1128*3	7-16-63	465*4	662*9	4748
		8-02-63	442*0P	598*0				8-08-63	465*4	662*9	
		9-01-63	396*0A	644*0				8-28-63	465*9	662*4	
		10-03-63	394*0A	646*0				1-24-64	465*9	662*4	
		11-04-63	395*0A	645*0				12-08-63	466*7	661*6	
		12-01-63	392*0A	648*0				12-08-63	465*9	665*4	
		1-02-64	391*5A	648*5				1-28-64	467*4	666*0	
		2-03-64	391*0A	649*0				1-28-64	467*4	666*0	
		3-04-64	431*0P	609*0				2-27-64	468*9	659*4	
		4-10-64	387*0A	653*0				3-17-64	469*2	659*1	
		5-04-64	384*0A	656*0				4-06-64	468*9	659*4	
		6-02-64	431*0P	609*0				4-29-64	468*9	659*4	
01S/07W-14L01 S	1066*0**	7-06-63	404*0P	662*0	4702			5-14-64	471*2	657*1	
		8-02-63	404*0P	662*0				5-28-64	471*2	657*1	
		9-01-63	396*0A	644*0				6-16-64	471*2	657*1	
		10-03-63	394*0A	646*0				6-30-64	474*7	653*6	
		11-04-63	395*0A	645*0							
		12-01-63	392*0A	648*0							
		1-02-64	391*5A	648*5							
		2-03-64	391*0A	649*0							
		3-04-64	431*0P	609*0							
		4-10-64	387*0A	653*0							
		5-04-64	384*0A	656*0							
		6-02-64	431*0P	609*0							
01S/07W-14M01 S	1080*0	7-06-63	404*0P	662*0	4702	01S/07W-19D01 S	1080*0	7-16-63	432*8	647*2	4748
		8-02-63	404*0P	662*0				8-08-63	433*3	646*7	
		9-01-63	396*0A	644*0							
		10-03-63	394*0A	646*0							
		11-04-63	395*0A	645*0							
		12-01-63	392*0A	648*0							
		1-02-64	391*5A	648*5							
		2-03-64	391*0A	649*0							
		3-04-64	431*0P	609*0							
		4-10-64	387*0A	653*0							
		5-04-64	384*0A	656*0							
		6-02-64	431*0P	609*0							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01+00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01+00						MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01+00					
CHINO HYDRO SUBAREA						CHINO HYDRO SUBAREA					
01S/07W-19001 S	1080.0	(CONT.)	434.5	645.5	4748	01S/07W-27001 S	958.0**	7-15-63	295.7A	662.3	4728
		8-28-63	434.5	645.5				8-15-63	295.7A	662.3	
		9-24-63	434.5	645.5				9-15-63	295.7A	662.3	
		11-08-63	434.5	645.5				10-15-63	295.7A	662.3	
		12-04-63	434.5	645.5				11-15-63	297.7A	660.3	
		12-28-63	434.5	645.5				4-02-64	295.7A	662.3	
		1-14-64	434.5	645.5				5-09-64	297.7A	660.3	
		2-29-64	434.5	645.5				6-25-64	281.7A	676.3	
		3-17-64	434.0	648.0				7-15-63	282.0A	655.0	4228
		4-05-64	435.0	648.0				8-15-63	282.0A	655.0	
		4-29-64	435.0	649.0				9-15-63	282.0A	655.0	
		5-14-64	435.3	646.7				10-15-63	283.0A	654.0	
		5-28-64	435.3	646.7				11-15-63	284.0A	653.0	
		6-16-64	436.3	643.7				4-02-64	298.0A	639.0	
		6-31-64	437.3	642.7				5-09-64	282.0A	655.0	
01S/07W-19002 S	1092.3	7-16-63	439.1	653.2	4748	01S/07W-30001 S	999.0**	7-15-63	489.1A	509.9	4228
		8-08-63	439.1	653.2				8-15-63	490.0A	509.0	
		8-28-63	439.6	652.7				9-15-63	490.0A	509.0	
		9-24-63	439.6	652.7				10-15-63	490.0A	509.0	
		11-08-63	438.8	653.5				11-15-63	492.0A	507.0	
		12-04-63	440.8	651.5				4-02-64	494.0A	505.0	
		12-28-63	439.8	652.5				5-09-64	494.0A	505.0	
		1-14-64	440.8	651.5				7-15-63	511.0A	443.0	4228
		1-28-64	440.6	651.7				8-15-63	512.0A	442.0	
		2-17-64	440.3	652.0				9-15-63	512.0A	442.0	
		3-17-64	441.3	651.0				10-15-63	512.0A	442.0	
		4-06-64	441.1	651.2				11-15-63	514.0A	440.0	
		4-29-64	441.1	651.2				4-02-64	513.0A	431.0	
		5-14-64	441.1	651.2				5-09-64	513.0A	431.0	
		5-28-64	441.1	651.2				6-25-64	519.0A	433.0	
		6-16-64	441.8	649.5				7-15-63	289.0A	632.6	4228
		6-30-64	442.8	647.5				8-15-63	289.0A	632.6	
01S/07W-20001 S	1070.1	8-15-63	413.8A	656.3	4228	01S/07W-30001 S	921.6	7-15-63	289.0A	632.6	4228
		9-15-63	413.8A	656.3				8-15-63	289.0A	632.6	
		10-15-63	413.8A	656.3				9-15-63	292.0A	629.6	
		11-15-63	414.8A	655.3				10-15-63	296.0A	627.6	
		11-15-63	422.8A	647.3				11-15-63	296.0A	625.6	
		4-02-64	425.8A	644.3				4-02-64	298.0A	623.6	
		5-09-64	420.8A	649.3				5-09-64	299.0A	622.6	
		6-25-64	418.8A	651.3				6-25-64	302.0A	619.6	
								7-15-63	294.9A	635.5	4228
								(CONT.)			

** Approximate ground surface elevation

• Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S.Elev. in Feet	Cable	Dist. G.S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data	State Well Number	G.S.Elev. in Feet	Cable	Dist. G.S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y=01.00											
MIDDLE SANTA ANA RIV HYDR. SUBUNIT Y=01.80 CHINO HYDRO SUBAREA											
01S/07W-30R01 S	930.4	(CONT.)	298.9A	631.5	4228	01S/08W-10M01 S	1396.7**	7-17-63	143.4	1253.5	1101
		8-15-63	299.9A	630.5				9-30-63	147.6	1249.7	
		10-15-63	299.9A	630.5				10-29-63	143.5	1251.2	
		11-15-63	300.9A	629.5				11-19-63	146.1	1250.6	
		4-02-64	298.9A	631.5				12-12-63	146.6	1250.1	
		5-09-64	299.9A	630.5				1-09-64	147.2	1249.5	
		6-25-64	301.9A	627.5				2-06-64	147.7	1248.8	
		7-15-63	216.0A	675.0	4228			4-07-64	144.1	1252.6	
		8-15-63	216.0A	675.0				7-01-63	415.0A	885.0	1101
		10-15-63	216.0A	675.0				9-31-63	438.0A	882.0	
		11-15-63	217.0A	674.0				9-15-63	420.0A	880.0	
		4-02-64	220.0A	671.0				10-15-63	430.0A	870.0	
		5-09-64	218.0A	673.0				11-07-63	465.0A	833.0	
		6-25-64	220.0A	671.0				11-21-63	427.0A	877.0	
		1-16-64	456.0A	1086.0	3719			12-07-63	457.0A	867.0	
		2-17-64	476.2A	1067.8				12-19-63	472.0A	878.0	
		4-30-64	406.0A	1140.0				1-07-64	476.0A	830.0	
		5-26-64	407.0A	1135.0				1-31-64	427.0A	878.0	
		6-22-64	484.0P	1058.0				2-15-64	474.0A	826.0	
		9-01-63	411.3*	1143.7	1101			3-15-64	437.0A	863.0	
		10-31-63	311.3*	1243.7				4-15-64	427.0A	875.0	
		1-01-64	311.3	1243.7				4-30-64	469.0A	831.0	
		1-16-64	456.0P	1099.0				5-07-64	424.0A	878.0	
		2-17-64	474.2P	1080.8				5-31-64	463.0A	837.0	
		4-02-64	403.0	1152.0				6-21-64	467.0A	833.0	
		1-16-64	357.0A	1195.0	3719			7-09-63	287.6	866.4	1101
		2-17-64	429.2P	1123.0				8-07-63	290.8	863.2	
		4-02-64	352.0	1200.0	1101			9-10-63	280.2	873.8	
		4-30-64	360.2A	1191.0	3719			10-07-63	286.9	867.1	
		5-26-64	427.4A	1124.6				11-18-63	286.9	867.1	
		6-22-64	435.0A	1117.0				12-09-63	281.4	872.6	
		1-16-64	419.3A	1133.0	3719			1-07-64	288.9	869.1	
		4-17-64	433.1A	1116.0				3-02-64	283.0	865.0	
		4-30-64	405.3A	1164.0				5-09-64	283.1	865.8	
		5-26-64	429.1A	1120.0				6-21-64	283.1	865.8	
		6-22-64	434.1A	1115.0				6-18-64	269.2	868.6	
		1-16-64	419.3A	1133.0	3719			7-15-63	565.0A	654.9	4235
		4-30-64	405.3A	1164.0				9-15-63	526.0A	653.9	
		5-26-64	429.1A	1120.0				2-15-64	565.0A	654.9	
		6-22-64	434.1A	1115.0				(CONT.)			

** Approximate ground surface elevation

P. Pumping measurement

A. Air gauge measurement

* Ground surface elevation

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01*00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01*00						MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01*00					
CHINO HYDRO SUBAREA						CHINO HYDRO SUBAREA					
015/08W-11R01 S	1219.9	3-15-64	565.0A	654.9	4235	015/08W-15P03 S	1061.0	1-07-64			5100
		4-15-64	561.0A	658.9		015/08W-15P05 S	1045.2	7-30-63	434.2	611.0	5100
		5-15-64	560.0A	659.9				8-27-63	436.5	608.7	
		6-15-64	560.0A	659.9				10-03-63	425.7	619.5	
015/08W-12K01 S	1255.0	1-16-64	610.0A	645.0	3719			1-08-64	427.8	617.5	
		2-17-64	593.0A	662.0		015/08W-15U02 S	1047.6	10-03-63	411.3	636.3	5100
		4-30-64	610.0P	645.0				7-02-63	353.4	624.1	5100
		5-26-64	594.0A	661.0		015/08W-22M01 S	977.5	11-18-63	354.5	623.0	1101
		6-22-64	613.0A	640.0				4-08-64	352.0	625.5	
015/08W-12P01 S	1214.6	1-16-64	561.6A	653.0	3719	015/08W-23A03 S	1073.0**	4-08-64			5100
		2-17-64	561.6A	653.0				3-06-64	391.3	640.7	5100
		4-30-64	559.6A	655.0		015/08W-24E01 S	1032.0	5-07-64	391.6*	640.4	
		5-26-64	597.6A	617.0				5-29-64	408.6P	623.4	
		6-22-64	598.6P	616.0							
015/08W-14N01 S	1057.1	4-08-64	428.4	628.7	5100						
015/08W-15H01 S	1125.0	4-08-64	499.0	626.0	5100	015/08W-25U02 S	915.0**	7-15-63	290.0A	625.0	4228
015/08W-15J01 S	1102.0	7-30-63	383.2P	718.8	5100			8-15-63	294.0A	621.0	
		8-27-63	458.2P	643.8				9-15-63	294.0A	621.0	
								10-15-63	294.0A	621.0	
015/08W-15P02 S	1060.0**	7-15-63	437.0A	623.0	1101			11-15-63	296.0A	619.0	
		8-15-63	442.0A	618.0				4-02-64	298.0A	617.0	
		9-15-63	440.0A	620.0				5-09-64	298.0A	617.0	
		11-15-63	443.0A	617.0				6-25-64	303.0A	612.0	
		12-15-63	445.0A	615.0							
			440.0A	620.0		015/08W-28E01 S	883.0	7-01-63	289.5	593.5	1101
			441.0A	619.0				7-15-63	289.5	575.0	
			438.0A	622.0				8-01-63	291.8A	591.2	
			435.0A	625.0				8-15-63	294.1	588.9	
			436.0A	618.0				9-01-63	296.4	586.6	
			442.0A	615.0				9-15-63	296.4	586.6	
			443.0A	618.0				10-01-63	308.0A	575.0	
			444.0A	620.0				10-15-63	287.2	595.8	
			445.0A	618.0				11-01-63	282.6	600.4	
			440.0A	620.0				11-15-63	280.3	602.7	
			450.0A	610.0				12-01-63	275.6	607.4	
			442.0A	618.0				12-15-63	275.6	607.4	
015/08W-15P03 S	1061.0	8-27-63			5100			1-01-64	289.5P	593.5	
		10-03-63						1-15-64	280.3	602.7	
		10-30-63						2-01-64	287.3P	595.7	
		1-07-64						(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Average measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01-B0											
CHINO HYDRO SUBAREA											
01S/08W-28E01 S	883.0	(CONT.) 2-15-64 3-01-64 3-15-64 4-01-64 4-15-64 5-01-64	279.1 283.7 278.0 273.3 282.6 296.4P	603.9 599.3 605.0 609.7 600.4 586.6	1101	01S/08W-28F02 S	884.9	2-15-64 3-01-64 3-15-64 4-01-64 4-15-64 5-01-64	279.1 280.3 275.6 282.6 303.4P	605.8 604.6 609.3 602.3 591.5	1101
01S/08W-28E02 S	890.0	7-01-63 7-15-63 8-01-63 8-15-63 9-01-63 9-15-63 10-15-63 11-01-63 11-15-63 12-01-63 12-15-63	292.1 309.4P 293.2 296.7 297.8 297.8 290.9 287.5 285.1 284.0 278.0	597.9 580.6 596.8 593.3 592.2 599.1 602.5 604.5 606.0 611.7 606.0	1101	01S/08W-28G01 S	894.0	7-01-63 7-15-63 8-01-63 8-15-63 9-01-63 9-15-63 10-01-63 10-15-63 11-15-63 12-01-63 12-15-63	292.6 312.2P 295.2 299.5 298.8 297.5 293.3P 291.9 287.9 287.9 285.6	601.4 591.8 598.8 594.5 586.8 586.8 609.7 608.1 606.1 608.4 606.1	1101
01S/08W-28F02 S	884.9	7-01-63 7-15-63 8-01-63 8-15-63 9-01-63 9-15-63 10-01-63 10-15-63 11-01-63 11-15-63 12-01-63	286.1 305.7P 290.6 290.6 294.1 308.0 267.6 283.7 280.3 280.3 275.6 280.3 280.3 296.4* 288.6	598.8 579.2 594.3 594.3 590.8 576.9 617.3 601.2 604.6 604.6 609.3 604.6 604.6 588.5	1101	01S/08W-28G02 S	903.0**	7-01-63 7-15-63 8-01-63 8-15-63 9-01-63 9-15-63 10-01-63 10-15-63 11-01-63 11-15-63 12-01-63 12-15-63	286.5 319.5P 298.7 303.4 298.7 302.2 301.0 297.6 296.5 291.1 291.8 291.8 291.8 289.5	606.6 606.6 604.3 604.3 600.8 602.0 602.4 608.5 608.5 611.2 611.2 611.2 613.5 613.5	1101

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV HYDR SUBUNIT						Y-01.80					
CHINO HYDRO SUBAREA											
01S/08W-28G02 S	903.0**	(CONT.)	291.8	611.2	1101	01S/08W-28M01 S	868.5	2-01-64	260.8	607.7	1101
		3-01-64	290.6	612.4				3-15-64	260.8	607.7	
		3-15-64	291.8	611.2				4-01-64	258.5	610.0	
		4-01-64	294.1	608.6				4-15-64	265.4	605.1	
		5-01-64	291.8	611.2				5-01-64	272.3	596.2	
01S/08W-28L01 S	873.7	7-01-63	295.6P	578.1	1101	01S/08W-28M02 S	870.0	7-01-63	276.8	595.2	1101
		7-15-63	302.5P	571.2				7-15-63	287.5P	582.5	
		8-01-63	285.2	588.5				8-01-63	288.7P	581.3	
		8-15-63	284.0	589.7				8-15-63	288.7P	581.3	
		9-01-63	284.0	589.7				9-01-63	281.7	588.3	
		9-15-63	284.0	589.7				9-15-63	280.6	589.4	
		10-01-63	302.5*	571.2				10-01-63	290.8P	579.2	
		10-15-63	278.3	595.4				11-01-63	272.5	597.5	
		11-01-63	274.8	598.9				11-15-63	269.0	601.0	
		11-15-63	271.3	602.4				12-01-63	259.8	610.2	
		12-01-63	265.5	608.2				12-01-63	258.6	611.4	
		12-15-63	263.2	610.5				1-01-64	263.3	606.7	
		1-01-64	282.9	590.8				1-15-64	274.8	595.2	
		1-15-64	267.8	605.9				2-01-64	263.3	606.7	
		2-01-64	267.8	605.9				2-15-64	263.3	606.7	
		2-15-64	272.4	601.3				3-01-64	265.6	604.4	
		3-01-64	265.5	606.2				3-15-64	262.1	607.9	
		3-15-64	264.4	609.3				4-01-64	258.6	611.4	
		4-01-64	262.1	611.6				4-15-64	265.9	607.1	
		4-15-64	275.1	608.2				5-01-64	273.2	596.8	
		5-01-64	265.5	608.2				7-01-63	270.3*	594.7	1101
01S/08W-28M01 S	868.5	7-01-63	272.4	596.1	1101	01S/08W-28M03 S	864.0	7-01-63	273.0*	594.7	1101
		7-15-63	288.5P	580.0				7-15-63	286.2P	579.8	
		8-01-63	287.8P	580.0				8-01-63	285.4P	578.6	
		8-15-63	290.8P	577.7				8-15-63	286.5P	577.5	
		9-01-63	280.0	588.5				9-01-63	275.0*	589.0	
		9-15-63	277.0	591.5				9-15-63	272.6*	591.4	
		10-01-63	290.8P	577.7				10-01-63	287.6*	576.5	
		10-15-63	270.0	598.5				10-15-63	265.7	598.3	
		11-01-63	267.7	600.8				11-01-63	263.4	600.6	
		11-15-63	265.4	603.1				11-15-63	261.1	602.9	
		12-01-63	265.5	610.0				12-01-63	251.9	612.1	
		12-01-63	258.5	610.0				12-15-63	251.9	612.1	
		12-15-63	256.2	612.3				1-01-64	265.7P	598.3	
		1-01-64	263.1	605.4				1-15-64	258.8	605.2	
		1-15-64	263.1	605.4				2-01-64	256.5	607.5	
		2-01-64	263.1	605.4				2-15-64	255.3	608.7	
		2-15-64	263.1	605.4				(CONT.)			

* Questionable measurement P Pumping measurement A Air gauge measurement

** Approximate ground surface elevation

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. (in Feet)	Date	Dist. G. S. To Water Surface (in Feet)	Water Surface Elev. (in Feet)	Agency Supplying Data	State Well Number	G. S. Elev. (in Feet)	Date	Dist. G. S. To Water Surface (in Feet)	Water Surface Elev. (in Feet)	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01.00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01.80						CHINO HYDRO SUBAREA					
01S/O8W-28N03 S	864.0	(CONT.) 3-01-64 3-15-64 4-01-64 4-15-64 5-01-64	258.8 254.2 262.2P 258.8 254.2	605.2 609.8 601.8 605.2 609.8	1101	01S/O8W-28N02 S	859.0	2-15-64 3-01-64 3-15-64 4-01-64 4-15-64 5-01-64	247.1 247.3 249.4 247.1 249.4 249.4	611.9 611.7 609.6 611.9 600.4 609.6	1101
01S/O8W-28N01 S	857.0	7-01-63 7-15-63 8-01-63 8-15-63 9-01-63 9-15-63 10-01-63 10-15-63 11-01-63 11-15-63 12-01-63 12-15-63 1-01-64 1-15-64 2-01-64 2-15-64 3-01-64 3-15-64 4-01-64 4-15-64 5-01-64	265.3 267.6 265.3 283.7P 263.0 284.9P 282.6P 254.9 251.4 221.4 247.9 245.6 251.2 240.6P 249.9P 246.8 246.8 256.0 256.0 247.9	591.7 589.4 591.7 573.3 594.0 572.1 574.4 602.1 605.6 605.6 609.1 611.4 606.8 592.6 592.6 607.9 610.2 610.2 601.0 601.0 609.1	1101	01S/O8W-29H02 S	886.0**	11-18-63 4-07-64	271.5 268.3	614.5 617.7	1101
01S/O8W-28N02 S	859.0	7-01-63 7-15-63 8-01-63 8-15-63 9-01-63 9-15-63 10-01-63 10-15-63 11-01-63 11-15-63 12-01-63 12-15-63 1-01-64 1-15-64 2-01-64 2-15-64 3-01-64	269.0 288.6P 267.9 293.3P 264.4 293.3P 291.0P 257.5 254.0 248.2 247.1 251.7 251.7 249.4	590.0 570.4 591.1 565.7 594.6 565.7 568.0 601.5 605.0 610.8 611.9 607.3 607.3 609.6	1101	01S/O8W-30J01 S	843.5	7-01-63 7-15-63 8-01-63 8-15-63 9-01-63 9-15-63 10-01-63 10-15-63 11-01-63 11-15-63 12-01-63 12-15-63 1-01-64 1-15-64 2-01-64 2-15-64 3-01-64	199.6 200.7 200.7 200.7 200.7 200.7 218.3P 218.0 218.0 218.0 218.0 218.0 218.0 218.0 218.0 218.0 218.0 218.0	643.9 642.8 642.8 642.8 642.8 642.8 631.2 632.4 633.8 626.6 626.6 628.9 628.9 629.9 627.7 627.7	1101
01S/O8W-28N02 S	859.0	7-01-63 7-15-63 8-01-63 8-15-63 9-01-63 9-15-63 10-01-63 10-15-63 11-01-63 11-15-63 12-01-63 12-15-63 1-01-64 1-15-64 2-01-64 2-15-64 3-01-64	269.0 288.6P 267.9 293.3P 264.4 293.3P 291.0P 257.5 254.0 248.2 247.1 251.7 251.7 249.4	590.0 570.4 591.1 565.7 594.6 565.7 568.0 601.5 605.0 610.8 611.9 607.3 607.3 609.6	1101	01S/O8W-31J01 S	808.0	7-01-63 7-15-63 8-01-63 8-15-63 9-01-63 9-15-63 10-01-63 10-15-63 11-01-63 11-15-63 12-01-63 12-15-63 1-01-64 1-15-64 2-01-64 2-15-64 3-01-64	151.1P 151.1P 141.9 147.7P 151.1P 151.1P 151.1P 151.1P 148.8P 144.9 153.4P 153.4P 153.4P 153.4P 153.4P 153.4P 153.4P 153.4P	656.9 656.9 666.1 660.3 656.9 656.9 656.9 656.9 659.2 663.1 654.6 654.6 654.6 654.6 654.6 654.6 654.6 654.6	1101

** Approximate ground surface elevation

P Pumping measurement

A Air-gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S.Elev., In Feet	Date	Dist. G.S. In Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G.S.Elev., In Feet	Date	Dist. G.S. In Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA						Y-01.81					
01S/08W-31J01 S	808.0	(CONT.) 4-15-64 5-01-64 6-15-64	146.5 156.9P 148.5	661.5 651.1 659.5	1101	01S/08W-35M02 S	870.0**	4-01-64 5-01-64 6-01-64	235.2A 238.2A 239.7A	634.8 631.8 630.8	4776
01S/08W-31O01 S	784.0**	4-06-64	100.9	683.1	1101	01S/08W-36H01 S	868.0	11-29-63 4-09-64	24.0 624.6	624.0 624.4	5100
01S/08W-32G01 S	819.0**	11-18-63 4-07-64	211.3 201.5	607.4 617.5	1101	02S/05W-07F01 S	900.0**	10-28-63 3-18-64	47.5 47.3	852.5 852.7	4103
01S/08W-32L01 S	803.0**	11-18-63 4-07-64	172.4 175.8	630.6 627.2	1101	02S/05W-07R02 S	878.0	9-23-63	14.5	863.5	5100
01S/08W-32P02 S	791.0**	11-18-63 4-07-64	135.6 125.0	655.4 666.0	1101	02S/06W-01O01 S	875.0**	10-24-63 3-18-64	61.3 59.3	13.7 815.7	4103
01S/08W-33B01 S	855.0	11-21-63 4-09-64	236.5 242.0	618.5 613.0	5100	02S/06W-03C01 S	857.0	11-21-63 4-09-64	134.1 137.4	722.9 719.6	5100
01S/08W-33J02 S	825.0**	7-01-63 8-01-63 9-01-63 10-01-63 11-01-63 12-01-63	211.3A 221.3A 217.3A 212.3A 214.3A 211.3A	613.7 603.7 607.7 612.7 610.7 613.7	4776	02S/06W-05B02 S	830.0	10-24-63 3-18-64	183.3 183.1	646.7 646.9	4103
		1-01-64 2-01-64 3-01-64 4-01-64 5-01-64 6-01-64	211.3A 217.3A 211.3A 214.3A 216.3A 219.3A	613.7 613.7 613.7 610.7 610.7 605.7		02S/06W-06N01 S	802.5	11-27-63 4-01-64	172.0 171.8	630.5 630.7	5100
01S/08W-35M01 S	844.0	12-02-63 4-09-64	228.7 227.5	615.3 616.5	5100	02S/06W-07B01 S	791.8	5-07-64 5-29-64	162.3 162.7	629.5 629.1	5100
01S/08W-35M02 S	870.0**	7-01-63 8-01-63 9-01-63 10-01-63 11-01-63 12-01-63	233.2A 237.2A 240.2A 238.2A 239.2A 236.2A	636.8 632.8 629.8 631.8 630.8 633.8	4776	02S/06W-08A04 S	788.0	11-21-63 4-09-64	157.6 162.1	630.4 625.9	5100
		1-01-64 2-01-64 3-01-64	237.2A 238.2A 238.2A	632.8 632.8 631.8		02S/06W-08D01 S	784.3	12-02-63 1-07-64 1-31-64 3-06-64 4-06-64 5-07-64 5-29-64	156.3 155.5 164.3 156.0 155.9 156.2 156.6	628.0 628.8 620.0 628.3 628.4 628.1 627.7	5100
		(CONT.)				02S/06W-08D02 S	780.0	10-23-63 (CONT.)	193.6	626.4	4103

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Source, in Feet	Water Surface Elevation in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Source, in Feet	Water Surface Elevation in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01-80											
CHINO HYDRO SUBAREA											
02S/06W-08D02 S	780.0	3-18-64	155.9	624.1	4103	02S/06W-23G01 S	707.0**	3-18-64	36.0	671.0	4103
02S/06W-10P01 S	742.0	10-23-63	112.8	629.2	4103	02S/06W-23G04 S	708.6	4-13-64	38.7	669.9	5718
02S/06W-11J02 S	770.0**	11-29-63	54.8	715.2	5100	02S/06W-24A01 S	880.0**	10-24-63	56.6	823.4	4103
		4-06-64	48.7	721.3				3-18-64	55.3	824.7	
02S/06W-11P02 S	731.8	12-05-63	29.8	702.0	5718	02S/06W-26D01 S	684.1	4-13-64	49.4	634.7	5718
		4-07-64	29.5	702.3							
		4-09-64	32.3	699.5							
02S/06W-12M03 S	795.9	10-24-63	25.7P	770.2	4103	02S/06W-26D02 S	686.0	10-24-63	58.5	627.5	4103
		3-18-64	24.0P	771.9		02S/06W-28B01 S	647.0	7-02-63	25.9	621.1	4103
02S/06W-16M01 S	726.3	9-19-63	114.9*	611.4	5100			9-01-63	26.0	621.0	
		4-07-64						10-21-63	26.0	621.0	
								12-03-63	26.0	621.0	
								1-07-64	26.0	621.0	
								2-05-64	25.9	621.1	
								3-18-64	26.0	621.0	
								5-12-64	25.8	621.2	
								6-09-64	26.0	621.0	
02S/06W-18A01 S	732.0**	10-23-63	115.0	617.0	4103	02S/06W-28E01 S	635.0**	7-02-63	16.5	618.5	4103
		3-18-64	113.5	618.5				8-01-63	16.5	618.5	
								9-01-63	16.5	618.5	
02S/06W-18P01 S	701.5	3-18-64	92.7	608.8	5102			9-19-63	14.7	620.8	5100
								10-23-63	16.3	618.7	4103
02S/06W-19F01 S	680.8	11-21-63	76.7	604.1	5100			11-22-63	15.7	619.3	5100
								12-03-63	16.2	618.8	4103
02S/06W-21D02 S	708.0	9-19-63	104.9	603.1	5100			1-07-64	16.3	618.9	
		11-22-63	113.7	594.3				2-05-64	16.1	618.9	
		4-07-64	102.2	605.8				3-18-64	16.2	618.8	
								4-07-64	17.1	617.8	5133
02S/06W-21Q01 S	659.4	8-02-63	41.7	617.7	5100			5-12-64	15.8	619.2	4103
		3-30-63	40.0	619.4				6-09-64	16.3	618.7	
		11-29-63	41.7	617.7				10-03-63	19.3	588.6	5102
		1-07-64	39.6	619.8				3-18-64	20.0	587.9	
		1-31-64	38.5	620.9				9-19-63	66.6	584.0	5100
		3-06-64	39.5	619.9				10-03-63	64.8	585.8	5102
		4-07-64	39.6	619.8				11-22-63	63.1	587.5	5100
		5-07-64	39.7	619.7				3-18-64	62.1	588.5	5102
		3-29-64	40.1	619.3				4-07-64	62.0	588.6	5100
02S/06W-22G01 S	692.0**	10-24-63	43.8	648.2	4103	02S/06W-29P01 S	607.9	10-03-63	19.3	588.6	5102
		3-18-64	44.0	648.0				3-18-64	20.0	587.9	
02S/06W-23G01 S	707.0**	10-24-63	38.6	668.4	4103	02S/06W-30J02 S	650.6	9-19-63	66.6	584.0	5100
								10-03-63	64.8	585.8	5102
								11-22-63	63.1	587.5	5100
								3-18-64	62.1	588.5	5102
								4-07-64	62.0	588.6	5100

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA						Y-01*B0					
025/06W-30R03 S	617.7	8-01-63	21+0	596.7	4103	025/07W-05J02 S	807.0	11-21-63	183.9*	623.1	5100
		9-03-63	24+2	593+5				4-09-64	181.8*	625.2	
		9-19-63	24+4	593+5	5100			9-20-63	154.3	596.5	5100
		10-23-63	24+8	592.9	4103			11-22-63	156+6	594+6	
		11-22-63	26+6	591.1	5100			4-08-64	147+9	610.1	
		12-30-63	26+7	591+0	4103						
		1-05-64	27+2	590+3		025/07W-09P01 S	723.0	9-19-63	127.0	596.0	5100
		2-08-64	27+4	590+2				11-22-63	123.2	599.8	
		3-18-64	27+5	590.2	5100			4-06-64	118+6	604+4	
		4-07-64	26+3	591.2	4103	025/07W-10B01 S	775+0	11-22-63	115.7P	659+3	5100
		5-12-64	25+7	592.0							
		6-09-64	25+4	592+3							
025/06W-31D01 S	628+6	10-23-63	59+3	569+3	4103	025/07W-10R01 S	746+3	9-19-63	143+2	603+1	5100
		3-18-64	52+9	575+7				11-21-63	133+5	612+8	
								4-06-64	138+6	607.7	
025/06W-31D02 S	631.0**	9-03-63	34+3P	596+7	4103	025/07W-12A01 S	795+0	11-29-63	179.1	615+9	5100
		12-03-63	29+8P	601+2				4-06-64	165+5	629+5	
		1-07-64	28+3	602.7		025/07W-13J02 S	727.0	11-29-63	118+4	608+6	5100
		2-05-64	28+5	602+5				4-06-64	117.2	609+8	
		3-18-64	27+7	603+3		025/07W-15E02 S	705+0**	11-22-63	110+8	594+2	5100
025/06W-33E01 S	715.9	12-02-63	141+2	574+7	5718			4-06-64	106+1*	598+9	
		4-10-64	141.2	574.7		025/07W-19K01 S	707.9	9-19-63	113.2	594+7	5100
		12-02-63	38+2	705+4	5718			10-21-63	114+6	595+7	5102
025/06W-33E02 S	743.6	4-10-64	41+3	702+3				11-21-63	105+2	598+7	5102
		4-06-64	198+0	632+0		025/07W-16D01 S	713+3	9-19-63	125+2	588+1	5100
025/07W-02D02 S	830+0	11-22-63	197.7	632+3	5100			11-22-63	121+9	591+4	
		4-06-64	198+0	632+0				4-06-64	119+6	593+7	
025/07W-02K01 S	801+5	11-29-63	174+6	626+9	5100	025/07W-17J01 S	689+7	10-07-63	109+3	580+4	5102
		4-07-64	178+3*	623+2							
025/07W-02L01 S	798+3	9-20-63	170+2	628+1	5100	025/07W-17P02 S	680+0	11-27-63	107+2	572+8	5100
		11-22-63	181+4	616+9				4-08-64	94+3	585+7	
025/07W-04A01 S	837+0	11-21-63	200+6	636+4	5100	025/07W-18E01 S	690+0	11-21-63	108+5	581+5	5100
		4-09-64	198+6	638+4				4-09-64	109+0	581+0	
025/07W-05D01 S	849.0**	11-21-63	223+9	625+1	5100						
025/07W-05D02 S	839+5	11-29-63	218+0	621+5	5100						
		4-09-64	215+9	623+6							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV HYDR SUBUNIT											
CHINO HYDRO SUBAREA											
Y-01-B0											
02S/OTW-18001 S	675.8	10-07-63	105.3	570.5	5102	02S/OTW-28D02 S	631.3	10-07-63	71.9	559.4	5102
		11-26-63	101.4	574.4	5100			11-27-63	65.2	565.6	
		4-08-64	99.8	576.0				3-18-64	58.9	572.4	5102
02S/OTW-19B01 S	661.5	8-29-63	116.5*	545.0	5100		630.8	4-08-64	58.3	572.5	5100
02S/OTW-19J02 S	635.5	8-02-63	75.3	560.2	5100	02S/OTW-28F01 S	622.6	10-07-63	61.5	561.1	5102
		9-30-63	74.1	561.4				3-18-64	69.5*	553.1	
		10-30-63	71.5	564.0		02S/OTW-28N01 S	607.1	9-20-63	54.2	552.9	5100
		11-27-63	70.7	564.8				11-27-63	46.3	560.8	
		12-02-63	70.3	565.2		02S/OTW-29K01 S	610.7	10-07-63	56.4	554.3	5102
		1-07-64	71.9	563.6				11-27-63	50.4	560.3	5100
		1-31-64	66.9	568.6				3-18-64	49.8	560.9	5102
		5-29-64	74.4	561.1				4-08-64	47.3	563.4	5100
02S/OTW-22K01 S	657.6	10-03-63	77.4	580.2	5102	02S/OTW-30K02 S	587.9	10-16-63	529.7	58.2	5102
		3-18-64	69.7	587.9				3-19-64	529.4	58.5	
02S/OTW-24A01 S	702.7	9-23-63	113.6	589.1	5100	02S/OTW-30R02 S	581.3	10-16-63	44.8	536.5	5102
		11-21-63	88.8	603.9				3-19-64	37.6	535.8	5102
		4-06-64	102.0*	600.7		02S/OTW-31B01 S	573.4	11-22-63	43.1	516.1	5100
02S/OTW-24R01 S	665.2	10-03-63	77.2	588.0	5102		559.2	4-07-64	34.4	525.4	5102
		3-18-64	71.6	593.6				3-19-64	22.3	526.5	
02S/OTW-25M01 S	624.4	3-17-64	47.2	577.2	4103	02S/OTW-31L04 S	548.8	10-16-63	23.4	525.4	5102
02S/OTW-27A02 S	643.1	11-29-63	57.5	585.6	5100		547.9	7-17-63	17.9	530.0	5102
		1-07-64	57.6*	585.5		02S/OTW-31R01 S	547.9	8-21-63	20.2	527.7	
		1-31-64	56.2P	586.9				10-16-63	18.7	529.2	
		3-06-64	58.0	585.1				11-29-63	17.0	530.9	
		4-09-64	58.2P	584.9				12-19-63	16.2	531.7	
		5-07-64	61.2	581.9				1-24-64	15.5	532.4	
		5-29-64	67.2P	575.9				2-19-64	14.8	533.1	
02S/OTW-27J01 S	626.0	3-18-64	51.3	574.7	5102			3-19-64	16.0	531.9	
02S/OTW-27P01 S	607.5	10-03-63	46.2	561.3	5102			4-23-64	16.1	531.8	
		3-18-64	46.5*	561.0				5-20-64	16.9	531.0	
02S/OTW-27R01 S	617.4	10-23-63	63.6P	553.8	4103			6-17-64	18.7	529.2	
		3-17-64	44.9	572.5		02S/OTW-32G01 S	575.9	10-07-63	53.3	522.6	5102
02S/OTW-28D02 S	630.8	9-20-63	57.1	573.7	5100			3-19-64	45.5*	530.4	
		(CONT.)									

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauged measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G.S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01+00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01+00											
CHINO HYDRO SUBAREA											
025/07W-32H01 S	575+8	9-20-63	67+6	508+2	5100	025/07W-36D01 S	609+8	10-23-63	44+3	565+5	4103
		11-27-63	54+7	521+1				3-17-64	40+6	569+2	
025/07W-32K03 S	567+9	8-02-63	87+6*	480+3	5100	025/07W-36E01 S	601+5	10-23-63	39+4	562+1	4103
		10-30-63	75+4	492+5				3-17-64	35+7	565+8	
		11-29-63	59+1	508+8							
		1-07-64	53+6	514+3		025/07W-36E02 S	606+1	10-23-63	43+0	563+1	4103
		1-31-64	48+9	519+0				3-17-64	39+4	566+7	
		3-06-64	51+5	516+4		025/07W-36L01 S	570+5	10-03-63	10+4	560+1	5102
		4-08-64	64+8*	503+1				10-23-63	10+2	560+3	4103
025/07W-33A01 S	602+2	9-20-63	50+8	551+4	5100			3-17-64	8+5	562+0	
		11-27-63	40+0	562+2		025/07W-36M01 S	612+6	10-03-63	55+6	557+0	5102
		4-08-64	36+3	565+9				3-18-64	52+5	560+1	
025/07W-33F01 S	593+8	10-03-63	46+8	547+0	5102	025/07W-36M02 S	613+1	10-23-63	55+8	557+3	4103
		3-18-64	44+8	549+0				3-17-64	51+0	562+1	
025/07W-34H01 S	595+5**	10-23-63	36+7	558+8	4103	025/08W-01C01 S	822+0	11-29-63	202+7	619+3	5100
		3-17-64	32+7	562+8				4-09-64	202+0	620+0	
025/07W-34J01 S	585+2	9-19-63	33+4	551+8	5100	025/08W-03P02 S	758+0	11-29-63	155+9	602+1	5100
		10-23-63	31+9	553+9	5103						
		11-29-63	28+3	552+9	4103	025/08W-04A02 S	783+0**	7-01-63	173+2A	609+8	4776
		3-17-64	28+3	556+9	4103			8-01-63	177+2A	605+8	
		4-07-64	25+2	560+0	5100			9-01-63	182+2A	600+8	
025/07W-34N01 S	567+6	10-23-63	21+9	545+7	4103			10-01-63	174+2A	608+8	
		3-17-64	32+3	548+6	4103			11-01-63	177+2A	605+8	
025/07W-34R01 S	580+9	10-23-63	32+3	548+3				12-01-63	167+2A	612+8	
		3-17-64	32+6	548+3				1-01-64	171+2A	611+8	
025/07W-35B01 S	613+0	11-22-63	43+2	569+8	5100			2-01-64	170+2A	612+8	
		4-07-64	39+2	573+8				3-01-64	170+2A	612+8	
025/07W-35C02 S	613+0	10-03-63	45+0	568+0	5102			4-01-64	174+2A	608+8	
		10-23-63	48+7	564+8	4103			5-01-64	174+2A	608+8	
		3-17-64	43+3	569+7				6-01-64	179+2A	603+8	
		3-18-64	43+2	569+8	5102						
025/07W-35J03 S	597+0	9-19-63	41+8	555+2	5100	025/08W-04H01 S	797+6**	7-09-63	163+9	633+7	1101
		11-22-63	45+2P	551+8				8-07-63	165+4	632+0	
		4-07-64	40+J	557+0				9-10-63	160+6	634+2	
								10-07-63	163+4	636+4	
								11-18-63	161+2	636+4	
								12-09-63	163+4	634+2	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	East. U. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV HYDR SUBUNIT											
CHINO HYDRO SUBAREA											
Y-01-B0											
02S/08W-04B01 S	797.6**	(CONT.) 1-07-64 2-01-64 3-02-64 4-06-64 5-11-64 6-16-64	162.4 163.8 163.6 163.6 172.7 173.7	635.2 633.8 632.0 624.9 623.9	1101	02S/08W-12F01 S	741.0	1-31-64 4-09-64 5-07-64 5-29-64	137.6 139.5 141.5 143.1	603.4 601.5 599.5 597.9	5100
02S/08W-04C01 S	786.0**	11-18-63 4-07-64	DRY		1101	02S/08W-15B01 S	679.6	11-21-63	98.0	581.6	5100
02S/08W-04P01 S	746.0**	7-09-63	135.8	610.2	1101	02S/08W-15K01 S	655.0	9-19-63 11-27-63 4-08-64	96.3 89.6 67.9	558.7 563.4 587.1	5100
	745.0	8-02-63	150.2*	594.8	5100						
	746.0**	8-07-63	140.6	605.4	1101						
	745.0	8-30-63	146.7	598.3	5100						
	746.0**	9-10-63	148.2	597.8	1101	02S/08W-16B05 S	683.0	9-19-63 11-22-63 4-08-64	122.4 123.7* 121.4	560.6 559.3 561.6	5100
	745.0	9-30-63	146.4	598.6	5100						
	746.0**	10-07-63	145.8	600.2	1101	02S/08W-16J03 S	657.9	9-20-63 11-27-63 4-08-64	55.5 55.5 55.1	602.4 602.4 602.6	5100
	745.0	10-30-63	142.5	602.5	5100						
	746.0**	11-27-63	138.7	607.3	1101						
	745.0	11-29-63	137.5	607.5	5100						
	746.0**	12-09-63	139.0	607.0	1101	02S/08W-20L01 S	737.0	9-19-63 11-22-63 4-08-64	18.3 18.3 18.1	718.7 718.7 719.9	5100
	745.0	1-07-64	136.9	608.1	5100						
	746.0**	1-07-64	137.7	608.3	1101						
	745.0	1-31-64	136.2	610.8	5100						
	746.0**	2-03-64	136.0	610.0	1101	02S/08W-21C01 S	675.0	11-27-63 4-08-64	25.6 26.4	649.4 648.6	5100
	745.0	3-02-64	136.2	607.8	5100						
	746.0**	3-06-64	136.1	606.9	5100						
	745.0	4-08-64	136.2	609.8	1101	02S/08W-22D03 S	646.3	9-20-63 11-27-63	119.8 135.1*	526.5 511.2	5100
	746.0**	5-07-64	136.0	609.0	5100						
	745.0	5-07-64	135.9	605.2	1101						
	746.0**	5-11-64	135.2	603.2	1101	02S/08W-23M01 S	605.4	9-19-63 11-22-63 4-08-64	91.6* 80.7 92.8P	513.8 525.7 512.6	5100
	745.0	5-29-64	150.1*	594.9	5100						
	746.0**	6-16-64	149.3	596.7	1101						
02S/08W-05F01 S	768.0**	11-18-63 4-07-64	99.8 101.9	668.2 666.1	1101	02S/08W-25M01 S	571.1	10-07-63 3-19-64	31.6* 38.1*	539.5 533.0	5102
02S/08W-09D02 S	706.0*	11-21-63 4-08-64	118.5* 123.5	587.5 582.5	5100	02S/08W-26J02 S	572.6	8-02-63 8-30-63 9-30-63 10-30-63 11-29-63 (CONT.)	46.1* 44.8 42.4 40.6 38.1 36.6	526.5 527.8 530.2 532.0 534.5 536.0	5100
02S/08W-12F01 S	741.0*	9-30-63 10-30-63 11-29-63 (CONT.)	146.3 145.8 143.9	594.7 595.2 597.1	5100						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01-80											
CHINO HYDRO SUBAREA											
02S/08W-26J02 S	572.6	(CONT*) 1-31-64	39.1	533.5	5100	03S/07W-02N01 S	542.4	10-23-63	12.9	529.5	4103
		3-06-64	53.2*	519.4				12-03-63	10.8	531.6	
		4-08-64	35.1	537.5				2-05-64	10.6	531.8	
		5-07-64	75.6P	497.0				3-17-64	10.9	531.5	
		5-29-64	40.1	532.5				5-12-64	11.6	530.8	
02S/08W-26K03 S	583.5	9-19-63	69.6*	513.9	5100	03S/07W-03A02 S	579.0	9-19-63	34.2	544.8	5100
		11-22-63	55.0	528.5				11-22-63	30.0	549.0	
		4-08-64	58.0	525.5				4-07-64	27.7	551.3	
02S/08W-26L01 S	590.7	10-07-63	72.2	518.5	5102	03S/07W-03F01 S	559.2	7-02-63	17.4	541.8	4103
02S/08W-36B01 S	560.5	10-07-63	36.8	523.7	5102			9-03-63	19.6	539.6	
		3-19-64	33.2	527.3				10-23-63	18.4	540.8	
02S/08W-36C02 S	545.4	10-07-63	27.1	518.3	5102			12-03-63	17.2	525.0	
		3-19-64	23.4	516.0				3-05-64	16.5	543.0	
02S/08W-36C03 S	565.7	9-23-63	31.2	514.5	5100			3-17-64	16.7	542.5	
		11-22-63	25.8	519.9				5-12-64	17.3	541.9	
		4-08-64	24.8	520.9				6-09-64	18.3	540.9	
02S/08W-36K01 S	534.4	10-07-63	19.2	515.2	5102	03S/07W-03J01 S	581.0	9-19-63	47.7	533.3	5100
		3-19-64	22.4	512.0				11-22-63	44.9	536.1	
02S/08W-36M01 S	527.2	7-17-63	DRY		5102			3-17-64	43.4	537.6	4103
		8-21-63	DRY					4-07-64	43.9	537.1	5100
		10-07-63	14.3	512.9				8-21-63	44.5	517.0	5102
		11-29-63	11.2	516.0				10-03-63	38.7	522.8	
		12-19-63	10.4	516.8				10-23-63	38.5	523.0	4103
		1-24-64	9.9	517.3				11-22-63	37.2	524.3	5100
		2-19-64	18.4	508.8				11-29-63	37.4	524.1	5102
		3-19-64	18.7	508.5				1-24-64	35.7	525.8	
		4-23-64	27.2	507.2				2-19-64	36.4	525.1	
		5-20-64	16.4	510.8				3-18-64	38.5	523.0	5100
		6-17-64	21.4	505.8				4-07-64	37.7	523.8	5100
03S/07W-02M01 S	545.9	10-03-63	13.5	532.4	5102	03S/07W-03R01 S	582.8	10-03-63	50.9	531.9	5102
03S/07W-02N01 S	542.4	7-02-63	12.5	529.9	4103			3-18-64	49.5	533.3	
		8-03-63	15.8	529.0				9-19-63	33.1	532.7	5100
		9-03-63	13.0	529.4				(CONT*)			

* Questionable measurement

• Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01-80											
CHINO HYDRO SUBAREA											
03S/07W-04H01 S	565.8	(CONT.) 10-03-63 11-22-63 3-18-64 4-07-64	33.4 32.5 29.9 29.4	532.4 533.3 535.9 536.4	5102 5102 5100	03S/07W-07R01 S	510.3	3-19-64 5-20-64 6-17-64	36.9* 28.6 28.5 34.1	473.4 481.7 481.8 476.2	5102
03S/07W-05F01 S	545.0	7-02-63 8-01-63 1-07-64	DRY DRY DRY	4103	4103	03S/07W-08A01 S	537.0	7-17-63 8-21-63 10-07-63 11-29-63 12-19-63 1-24-64 2-19-64 3-19-64 4-23-64 5-20-64 6-17-64	41.3 49.5 49.5 49.5 49.5 49.5 49.5 49.2 49.0 41.8	493.7 495.1 495.1 495.1 495.1 495.1 495.1 496.2 496.0 495.2	5102
03S/07W-05J02 S	551.9 552.1 551.9 552.1	10-07-63 11-22-63 3-19-64 4-07-64	43.7 44.2 43.9 43.5	508.2 507.9 508.0 508.6	5102 5100 5100 5100	03S/07W-08F02 S	490.2	7-17-63 8-21-63 10-07-63 11-29-63 1-24-64 2-19-64 3-19-64 4-23-64 5-20-64 6-17-64	6.2 -2.7 6.5 2.9 3.1 2.7 2.9 2.7 3.3 5.0	488.0 492.9 483.7 481.3 486.1 487.1 487.5 487.5 487.5 486.9 485.2	5102
03S/07W-06A01 S	539.2 539.1 539.2 539.1 539.2	9-20-63 10-19-63 11-27-63 3-19-64 4-08-64	25.6 25.5 24.2 23.2 23.1	513.6 516.1 518.9 519.9 516.1	5100 5102 5100 5102 5100	03S/07W-08J01 S	491.5	7-02-63 8-01-63 9-03-63 10-22-63 12-03-63 1-07-64 2-05-64 3-17-64 5-12-64 6-09-64	9.3 10.2 10.5 10.1 9.5 9.2 8.4 8.0 8.4 8.6	482.2 481.3 481.0 481.4 482.0 482.3 483.1 483.5 483.1 482.9	4103
03S/07W-06L02 S	509.5	10-07-63	7.3	502.2	5102	03S/07W-08K01 S	529.5	7-02-63 8-01-63 9-03-63 10-22-63	26.9 26.9 27.0 27.0	502.6 502.6 502.5 502.5	4103
03S/07W-06M01 S	502.0	7-17-63 12-19-63 2-19-64 3-19-64 5-20-64	14.5 6.3 9.1 12.6 11.1	487.5 495.7 492.9 489.4 490.9	5102	03S/07W-08L01 S	491.5	7-02-63 8-01-63 9-03-63 10-22-63 12-03-63 1-07-64 2-05-64 3-17-64 5-12-64 6-09-64	9.3 10.2 10.5 10.1 9.5 9.2 8.4 8.0 8.4 8.6	482.2 481.3 481.0 481.4 482.0 482.3 483.1 483.5 483.1 482.9	4103
03S/07W-07G01 S	502.6	10-16-63	14.1	488.5	5102	03S/07W-08M01 S	529.5	7-02-63 8-01-63 9-03-63 10-22-63	26.9 26.9 27.0 27.0	502.6 502.6 502.5 502.5	4103
03S/07W-07G02 S	515.0	11-27-63 4-07-64	12.4 12.7	502.6 502.3	5100						
03S/07W-07K02 S	509.7	10-16-63 3-19-64	27.0 36.3	482.7 473.4	5102						
03S/07W-07R01 S	510.3	7-17-63 8-21-63 10-16-63 11-29-63 12-19-63 2-19-64 3-19-64	41.4* 46.0 29.1 29.4 26.1 25.7 32.1	468.9 468.9 480.2 480.2 486.2 488.6 478.2	5102						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Stone Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Date	Stone Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Date
SANTA ANA RIVER HYDRO UNIT Y-01.00											
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT Y-01.80											
CHINO HYDRO SUBAREA											
03S/07W-08K01 S	529.5	1-03-63	27.0	502.5	4103	03S/07W-09R01 S	512.2	7-01-63	9.9	502.3	4103
		12-03-63	27.0	502.5				8-01-63	10.6	501.6	
		2-05-64	27.0	502.5				9-03-63	11.1	501.1	
		3-17-64	27.1	502.4				10-22-63	11.2	501.0	
		5-12-64	27.2	502.3				12-03-63	11.1	501.1	
		6-09-64	27.2	502.3				1-07-64	10.8	501.4	
								2-05-64	9.5	502.7	
03S/07W-08L01 S	533.6	7-02-63	50.3	483.3	4103			3-17-64	10.3	501.9	
		8-01-63	50.9	482.7				5-12-64	10.9	501.3	
		9-03-63	51.7	481.9				6-09-64	11.3	500.9	
		10-22-63	51.7	481.9				9-19-63	51.0	524.0	5100
		12-03-63	51.2	482.4				11-22-63	47.5	527.5	
		1-07-64	50.4	483.2				4-07-64	47.5	527.5	
		2-05-64	49.8	483.8				10-23-63	35.6	518.0	4103
		3-17-64	49.3	484.3				3-17-64	35.9	517.7	
		5-12-64	48.8	484.8				7-17-63	7.4	502.6	5102
		6-09-64	49.4	484.2				8-21-63	8.0	502.0	
03S/07W-08P02 S	535.1	4-07-64	DRY		5100	03S/07W-10N01 S	510.0	11-29-63	6.1	503.9	
		7-02-63	6.0	481.8	4103			3-26-64	6.6	510.1	5102
		8-01-63	6.9	480.9				7-17-63	55.3	511.5	5102
		9-03-63	6.6	481.2				8-21-63	55.9	510.9	
		10-22-63	6.6	481.2				10-24-63	54.6	512.2	
		12-03-63	5.9	481.9				11-29-63	53.7	513.1	
		1-07-64	5.7	482.1				12-19-63	52.9	513.9	
		2-05-64	3.3	484.5				1-24-64	32.2	514.6	
		3-17-64	3.1	484.7				2-19-64	33.1	513.7	
		5-12-64	3.9	483.9				4-16-64	52.9	513.9	
		6-09-64	5.4	482.4				4-23-64	53.3	513.5	
03S/07W-09A02 S	545.3	10-03-63	36.9	508.4	5102	03S/07W-11R01 S	588.1	6-17-64	5.6	512.7	
		7-17-63	47.2	492.3	5102			10-24-63	54.5	533.6	5102
		8-21-63	48.1	491.4				4-16-64	54.3	533.8	
		11-29-63	43.7	495.8				10-22-63	54.8	515.9	4103
		12-19-63	43.4	496.1				10-24-63	54.7	516.0	5102
		1-24-64	43.6	495.9				3-13-64	52.2	518.5	4103
		2-19-64	43.4	496.1				4-16-64	52.4	518.5	5102
		3-26-64	43.3	496.2							
		4-23-64	44.8	494.7							
		5-20-64	45.0	494.5							
		6-17-64	47.3	492.2							

• Questionable measurement

•• Approximate ground surface elevations

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-B0											
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT Y-01-B1											
CHINO HYDRO SUBAREA											
03S/07W-16801 S	500.0	7-17-63	5.1	494.9	5102	03S/07W-17K02 S	486.1	3-19-64	6.6	479.5	5102
		8-21-63	5.4	494.7		03S/07W-17K02 S	487.0	3-26-64	6.6	480.0	5102
		11-29-63	5.6	494.4		03S/07W-20C03 S	475.7	7-17-63	5.4	470.7	5102
		12-19-63	5.7	494.3				8-21-63	5.1	470.8	
		1-24-64	5.3	494.5				11-29-63	4.0	471.9	
		2-19-64	4.9	494.9				12-19-63	4.4	471.5	
		3-19-64	5.1	494.9				1-24-64	3.4	472.0	
		4-23-64	5.5	494.5				2-19-64	3.9	472.0	
		5-20-64	5.8	494.2				3-26-64	3.3	472.6	
		6-17-64	6.0	494.0				4-23-64	4.0	471.9	
		7-02-63	5.6	474.6	4103			5-20-64	6.4	471.5	
		8-01-63	6.7	473.3				6-17-64	4.6	471.5	
		9-03-63	7.7	472.5				11-22-63	6.4	474.5	5100
		10-22-63	5.3	474.9		03S/07W-20U01 S	476.9	3-19-64	6.0	472.9	5102
		12-03-63	3.8	476.4				4-07-64	6.6	472.3	5100
		1-07-64	4.3	475.9				10-16-63	3.4	470.6	4103
		2-05-64	2.8	477.4				3-13-64	2.4	471.6	
		3-17-64	2.9	477.3							
		5-12-64	3.4	476.8		03S/07W-20U02 S	474.0**	3-19-64	5.7	473.1	5102
		6-09-64	4.7	475.5				3-13-64	4.1	468.9	
		7-17-63	8.1	479.9	5102						
		8-21-63	9.8	477.8							
		11-29-63	7.0	480.9							
		1-24-64	6.3	481.3							
		2-19-64	6.3	481.3							
		3-19-64	6.0	480.8							
		4-23-64	5.4	481.2							
		5-20-64	8.0	479.6							
		6-17-64	8.6	479.0							
		7-17-63	8.7	480.8	5102						
		8-21-63	9.4	480.1							
		11-29-63	8.1	481.4							
		12-19-63	8.0	481.5							
		1-24-64	7.7	481.8							
		2-19-64	7.6	481.9							
		3-19-64	7.7	481.8							
		4-23-64	7.7	481.8							
		5-20-64	0.4	481.1							
		6-17-64	8.9	480.6							
		7-17-63	3.1	467.9	5102						
		8-02-63	3.5	467.5	4103						
		8-21-63	3.0	468.0	5102						
		7-09-63	3.8	467.1	4103						
		10-16-63	3.5	467.5	5102						
		11-29-63	7.2	468.6	5102						

** Approximate ground surface elevation

* Questionable measurement

P Pumping measurement

A Air gauge measurement

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S.Elev., in Feet	Date	Dist.G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G.S.Elev., in Feet	Date	Dist.G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01*00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01*B0						CHINO HYDRO SUBAREA Y-01*B1					
03S/07W-20E02 S	471.0	(CONT*)	3*1	467*9	4103	03S/07W-20F01 S	470*0**	1-29-64	-1*9	471*9	5102
		12-03-63	4*4	468*6	4103			2-19-64	-1*9	471*9	
		12-19-63	3*0	468*0	4103			3-04-64	-2*3	472*3	
		1-07-64	0*8	470*2	5102			3-18-64	-2*2	472*6	
		2-06-64	2*5	468*5	4103			4-01-64	-2*6	472*6	
		2-19-64	1*5	469*5	5102			4-15-64	-2*1	472*1	
		3-13-64	2*4	468*6	4103			4-29-64	-2*2	472*2	
		3-26-64	0*8	470*2	5102			5-13-64	-2*1	472*1	
		4-23-64	1*7	469*3				6-03-64	-1*2	471*2	
		5-13-64	2*8	468*2	4103			6-17-64	-1*3	471*3	
		5-20-64	2*1	468*9	5102			7-03-63	13*7	464*3	5102
		6-10-64	3*4	467*6	4103			7-17-63	13*7	464*3	
		6-17-64	2*5	468*5	5102			7-31-63	13*5	464*5	
								8-14-63	13*6	464*4	
								9-28-63	13*7	464*3	
								10-09-63	12*4	465*1	
								10-16-63	12*2	465*8	
								10-30-63	12*1	465*9	
								11-13-63	12*0	466*0	
								12-04-63	11*3	466*7	
								12-18-63	11*2	466*8	
								1-02-64	11*2	466*8	
								1-15-64	10*6	467*4	
								1-29-64	10*8	467*2	
								2-19-64	10*9	467*1	
								3-04-64	10*9	467*1	
								3-18-64	10*9	467*1	
								4-01-64	10*5	467*5	
								4-15-64	11*0	467*0	
								4-29-64	11*1	466*9	
								5-13-64	11*3	466*7	
								6-03-64	11*9	466*1	
								6-17-64	12*2	465*8	
								1-02-64	4*6	475*4	
								1-15-64	4*6	475*4	
								2-29-64	3*9	476*3	
								3-02-64	3*9	476*1	
								3-18-64	4*1	476*9	
								4-01-64	3*5	476*5	
								4-15-64	4*0	476*0	
								(CONT*)			
03S/07W-20E03 S	471.4**	10-16-63	3*7	467*7	4103	03S/07W-20M01 S	476*0	7-03-63	13*7	464*3	5102
		3-13-64	2*3	469*1				7-17-63	13*7	464*3	
03S/07W-20E05 S	480.0**	1-02-64	4*4	475*6	5102			7-31-63	13*5	464*5	
		1-15-64	5*0	475*0				8-14-63	13*6	464*4	
		1-29-64	4*0	476*0				9-28-63	13*7	464*3	
		2-19-64	4*2	475*8				10-09-63	12*4	465*1	
		3-04-64	4*1	475*9				10-16-63	12*2	465*8	
		3-18-64	4*4	475*6				10-30-63	12*1	465*9	
		4-01-64	3*7	476*3				11-13-63	12*0	466*0	
		4-15-64	4*2	475*8				12-04-63	11*3	466*7	
		4-29-64	3*6	476*4				12-18-63	11*2	466*8	
		5-13-64	4*7	475*3				1-02-64	11*2	466*8	
		6-03-64	5*2	474*8				1-15-64	11*0	467*0	
		6-17-64	5*3	474*7				1-29-64	11*1	466*9	
								2-19-64	10*8	467*2	
								3-04-64	10*9	467*1	
								3-18-64	10*9	467*1	
								4-01-64	10*5	467*5	
								4-15-64	11*0	467*0	
								4-29-64	11*1	466*9	
								5-13-64	11*3	466*7	
								6-03-64	11*9	466*1	
								6-17-64	12*2	465*8	
								1-02-64	4*6	475*4	
								1-15-64	4*6	475*4	
								2-29-64	3*9	476*3	
								3-02-64	3*9	476*1	
								3-18-64	4*1	476*9	
								4-01-64	3*5	476*5	
								4-15-64	4*0	476*0	
								(CONT*)			

** Approximate ground surface elevation

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data
MIDDLE SANTA ANA RIVER HYDR SUBUNIT Y-01.B1											
CHINO HYDRO SUBAREA											
03S/07M-20M02 S	480.0**	(CONT.) 4-29-64 5-13-64 6-03-64 6-17-64	4+4 4+5 5+0 5+1	475+6 475+5 475+0 474+9	5102	01N/07M-29E01 S	1840.4**	2-27-64 3-17-64 4-06-64	452+8 453+5 453+5	1387+6 1386+9 1386+7	1101
03S/08M-01J01 S	523+2	9-19-63 11-22-63 4-07-64	25+0 23+9 21+8	498+2 499+3 501+4	5100	01N/08M-25K03 S	1830.0**	7-15-63 8-15-63 9-15-63 10-15-63 11-15-63 12-15-63	252+0P 220+0A 217+0A 215+0A 253+0P 281+0P	1578+0 1610+0 1613+0 1615+0 1577+0 1589+0	4235
03S/08M-01J02 S	511+8	10-07-63 3-19-64	11+3 7+4	500+5 504+4	5102			1-16-64 2-17-64 3-17-64 3-18-64 4-18-64	225+0A 221+6 220+9 227+0A 227+0A	1608+4 1605+0 1605+0 1603+0 1603+0	3719 3719 3719 3719 4235
03S/08M-01J05 S	524+0	7-17-63 8-21-63 10-07-63 11-29-63 12-19-63 1-24-64 2-19-64 3-19-64 5-20-64 6-17-64	24+5 25+1 24+7 23+8 23+5 22+6 22+1 23+0 24+8 24+7	499+5 498+9 499+3 500+2 500+5 501+4 501+9 499+2 499+3	5102			5-18-64 6-30-64 5-18-64 5-26-64 6-15-64 6-22-64	210+0 210+0P 210+0P 332+4** 250+0A 247+0	1620+0 1620+0 1620+0 1497+6 1580+0 1583+0	3719 4235 4235 3719 4235 3719
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01.B0											
CHINO HYDRO SUBAREA											
01N/06M-34A01 S	1390.0**	1-31-64 3-18-64 4-15-64 5-07-64 5-29-64	384+2 389+5* 383+8 408+4*	1005+8 1000+5 1006+2 981+6	5100	01N/08M-25001 S	1831.7	7-16-63 8-08-63 9-24-63 11-08-63 12-04-63 12-28-63	186+7 190+2 191*7 191*7 192*0 190*7	1645+0 1641+5 1640+0 1640+0 1639+7 1641+0	4748
01N/06M-35A01 S	1437+0	9-05-63 12-02-63 3-03-64 6-03-64	451+2 451+8 450+3 457+0	985+8 985+2 986+7 980+0	4706			1-14-64 1-28-64 2-27-64 3-17-64 4-06-64 4-29-64 5-18-64 5-28-64 6-10-64 6-30-64	171+2 191+2 193+0 195+0 195+2 195+2 195*7 197+2 197+0 201+5	1640+5 1640+5 1638+7 1636+7 1636+5 1636+5 1636+0 1634+5 1633+0 1630+2	
01N/07M-29E01 S	1840.4**	7-16-63 8-08-63 9-28-63 11-08-63 12-20-63 1-28-64	437+9 539+9 545+3P 489+5 559+2P 473+5 421+6 421+6 422+5	1402+5 1301+0 1295+1 1390+9 1261+2 1366+9 1387+6 1387+6 1387+9	1101	01N/08M-35J03 S	1618.0**	7-16-63 8-08-63 8-28-63 9-24-63	514+9P 520+6P 524+7P 421+3A	1103+1 1097+4 1093+1 1196+7	4748

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S.Elev., In Feet	Date	Dist.G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G.S.Elev., In Feet	Date	Dist.G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT CHINO HYDRO SUAREA						MIDDLE SANTA ANA RIV. HYDR. SUBUNIT HARRISON HYDRO SUBAREA					
Y-01.B0						Y-01.B2					
01N/08W-35J03 S	1618.0**	(CONT.)	518.3P	1099.7	4748	01S/08W-08H01 S	1176.0	9-01-63	350.0	826.0	1101
		11-08-63	411.5	1206.5				9-15-63	322.3	823.7	
		12-04-63	420.0A	1198.0				10-15-63	345.4	830.6	
		12-28-63	504.3P	1113.1				11-01-63	350.0	826.0	
		1-14-64	522.5	1232.5				11-15-63	359.6	836.4	
		3-28-64	592.0P	1085.2				12-01-63	366.2P	809.8	
		3-17-64	592.0P	1085.2				12-15-63	358.5	837.5	
		4-06-64	390.9	1227.5				1-15-64	332.0	842.2	
		4-29-64	415.0*	1203.0				2-01-64	330.6	845.6	
		5-14-64	412.0*	1206.0				2-15-64	340.8	835.2	
		5-28-64	415.5*	1202.5				3-01-64	366.2P	809.8	
		6-16-64	516.0P	1102.0				3-15-64	333.8	842.2	
		6-30-64	549.5P	1068.5				4-01-64	350.0	826.0	
								4-15-64	338.5	837.5	
								5-01-64	340.8	835.2	
01N/08W-35Q01 S	1574.4	9-07-63	413.1A	1161.3	1101	01S/08W-08J01 S	1133.0**	11-18-63	342.5	790.5	1101
		10-15-63	413.1A	1161.3				4-08-64	346.5	786.5	
		11-15-63	413.1A	1161.3							
		12-15-63	418.1A	1156.3				7-01-63	394.4P	830.6	1101
		1-15-64	416.1A	1158.3				7-15-63	394.4P	830.6	
		2-07-64	413.1A	1161.3				8-01-63	362.0	863.0	
		3-15-64	413.1A	1161.3				8-15-63	379.3*	853.7	
		6-07-64	413.1A	1161.3				9-01-63	399.0P	826.0	
01N/08W-35R01 S	1605.0**	9-24-63	440.8A	1164.2	4748			9-15-63	401.3P	823.7	
		12-04-63	444.0A	1161.0				10-15-63	382.8	842.2	
		12-28-63	443.5A	1161.5				11-01-63	403.6P	821.4	
		1-14-64	443.6A	1161.2				11-15-63	399.0P	826.0	
		3-28-64	436.2A	1166.5				12-01-63	400.1P	824.9	
		3-17-64	431.5A	1173.5				12-15-63	401.3P	823.7	
		4-06-64	418.5A	1146.5				1-15-64	403.6P	821.4	
		4-29-64	425.5A	1179.5				2-01-64	403.6P	821.4	
		5-14-64	427.0A	1178.0				2-15-64	405.9P	819.1	
		5-28-64	427.5A	1177.5				3-01-64	405.9P	819.1	
		6-16-64	428.0A	1177.0				3-15-64	392.0P	835.0	
		6-30-64	425.5A	1179.5				4-01-64	319.3	905.9	
		7-16-63	572.5A	1032.5				4-15-64	319.1	905.9	
								5-01-64	386.3P	838.7	
HARRISON HYDRO SUBAREA						HARRISON HYDRO SUBAREA					
Y-01.B2						Y-01.B2					
01S/08W-08H01 S	1176.0	8-15-63	341.9	834.1	1101	01S/08W-09H01 S	1230.0**	11-27-63	261.5	968.5	1101
		(CONT.)						4-10-64	268.3	961.7	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT											
HARRISON HYDRO SUBAREA											
Y-01-B0											
01S/08W-09L01 S	1174.0**	7-15-63	251.0A	923.0	1101	01S/08W-16801 S	1114.0**	8-15-63	296.0A	820.0	1101
		8-15-63	256.0A	920.0				9-15-63	293.0A	823.0	
		9-07-63	232.0A	942.0				10-15-63	293.0A	815.0	
		9-15-63	260.0A	914.0				11-07-63	287.0A	827.0	
		10-15-63	256.0A	918.0				1-21-64	277.0A	837.0	
		11-15-63	254.0A	920.0				2-15-64	278.0A	836.0	
		12-15-63	261.0A	913.0				3-15-64	277.0A	841.0	
		1-15-64	262.0A	912.0				4-15-64	276.0A	838.0	
		2-15-64	260.0A	914.0				5-15-64	292.0A	822.0	
		3-07-64	265.0A	909.0				6-15-64	283.0A	831.0	
		4-15-64	264.0A	910.0							
		4-30-64	252.0A	922.0							
		5-21-64	284.0A	910.0							
		6-15-64	255.0A	919.0							
Y-01-B2											
01S/08W-09H01 S	1155.0**	7-15-63	264.0A	891.0	1101	01S/08W-17J04 S	1042.0**	7-09-63	334.0	708.0	1101
		8-15-63	270.0A	885.0				8-31-63	339.0	706.0	
		9-21-63	236.0A	919.0				9-10-63	337.0	704.8	
		10-21-63	249.0A	906.0				10-07-63	338.6	703.4	
		11-15-63	281.0A	874.0				11-27-63	341.5	700.5	
		12-15-63	275.0A	880.0				12-09-63	340.0	702.0	
		1-15-64	277.0A	878.0				1-07-64	340.7	701.3	
		2-15-64	276.0A	879.0				2-03-64	341.0	701.0	
		3-31-64	296.0A	859.0				3-03-64	341.2	700.8	
		5-01-64	250.0A	890.0				4-08-64	344.5	697.5	
		5-01-64	250.0A	890.0				5-11-64	342.9	699.1	
		6-21-64	248.0A	907.0				6-09-64	343.7	698.3	
Y-01-B4											
01S/08W-09P01 S	1118.0**	7-07-63	333.0A	785.0	1101	01S/08W-17K01 S	1013.4	7-01-63	443.7P	569.7	1101
		8-01-63	328.0A	790.0				7-15-63	449.3P	563.9	
		9-21-63	319.0A	799.0				8-01-63	405.6	607.8	
		10-15-63	310.0A	808.0				9-03-63	408.7	609.0	
		11-01-63	313.0A	805.0				9-05-63	408.7	609.0	
		12-07-63	270.0A	828.0				9-15-63	421.8	591.7	
		1-01-64	334.0A	784.0				10-01-63	465.7P	547.9	
		2-15-64	304.0A	814.0				10-15-63	409.7	603.7	
		3-07-64	314.0A	804.0				11-01-63	420.6	592.8	
		3-31-64	308.0A	818.0				11-15-63	404.4	609.0	
		4-15-64	308.0A	810.0				12-01-63	404.4	609.0	
		5-07-64	303.0A	815.0				12-15-63	402.2	611.2	
		6-15-64	333.0A	785.0				1-01-64	405.6	607.8	
		6-30-64	337.0A	781.0				1-15-64	401.0	612.4	
Y-01-B6											
01S/08W-16E-1	1114.0**	7-15-63	287.0A	827.0	1101			2-01-64	394.0	619.4	
		(CONT.)						2-15-64	398.7	614.7	
								3-01-64	398.7	614.7	
								3-15-64	376.7	614.7	
								4-01-64	405.6	607.8	
								4-15-64	394.0	619.4	
								(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01.00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01.B0											
HARRISON HYDRO SUBAREA											
01S/08W-17K01 S	1013.4	(CONT.) 5-01-64 9-15-64 6-01-64	401.0 401.0 407.9	612.4 612.4 605.5	1101	01S/08W-02B02 S	1550.0	10-31-63 1-01-64 3-15-64 4-02-64	245.0 232.0P 241.0P 228.0	1305.0 1318.0 1321.0 1322.0	1101
01S/08W-17K02 S	996.6	7-01-63 7-15-63 8-01-63 8-15-63 9-01-63 9-15-63 10-01-63 10-15-63 11-01-63 11-15-63 12-01-63 12-15-63 1-01-64 1-15-64 2-01-64 2-15-64 3-01-64 3-15-64 4-01-64 4-15-64 5-01-64 5-15-64	433.0P 435.3P 394.9P 438.6P 394.9 436.5P 441.1P 434.1P 438.6P 430.7P 439.7P 436.2P 430.7P 430.7P 377.6 427.2P 427.2P 427.2P 436.4P 382.4 431.8P 394.9	563.6 561.3 601.7 558.0 601.7 560.1 555.5 562.5 558.0 565.9 566.4 565.9 565.9 619.0 569.4 569.4 569.4 614.4 564.5 601.7	1101	01S/08W-02D01 S	1482.0**	9-01-63 9-16-64 7-1-64 4-02-64	245.0 231.0 208.0P 273.0P	1237.0 1251.0 1213.0 1209.0	1101
01S/08W-17K03 S	998.0**	4-11-64	348.3*	649.7	1101	01S/08W-02D02 S	1481.6	7-03-63 7-17-63 7-31-63 8-14-63 8-28-63 9-18-63 10-02-63 10-16-63 10-30-63 11-13-63 11-27-63 12-10-63 1-02-64 1-10-64 2-13-64 3-03-64 3-19-64 4-02-64 4-16-64 4-30-64 5-14-64 5-28-64 6-18-64 6-25-64	218.7 219.0 219.0 221.6 221.6 221.7 221.8 222.7 222.7 222.5 221.7 220.3 220.9 216.1 219.1 219.1 220.5 220.5 220.6 220.6 221.1 220.9 222.4 224.0 224.0	1262.9 1262.6 1262.6 1261.0 1260.2 1259.9 1259.8 1258.9 1258.9 1259.1 1259.9 1261.2 1260.7 1271.9 1262.5 1261.1 1259.5 1259.5 1261.0 1259.2 1259.2 1257.6 1257.6	1101
01S/08W-17P01 S	966.0**	12-03-63 4-03-64	230.4 718.3	735.6 747.7	1101	01S/08W-02F01 S	1470.0	1-16-64 2-17-64 4-10-64	281.0A 248.0A 220.0A	1189.0 1222.0 1217.0	3719
01S/08W-17P02 S	969.0**	12-03-63 4-08-64	202.0A 218.3	767.0 750.7	1101	01S/08W-03A01 S	1511.8	7-29-63 9-10-63	228.7 231.3	1283.1 1280.5	1101
01S/08W-20B02 S	948.0**	9-18-63 5-18-64	485.2 449.0	462.8 499.0	1101	(CONT.)					
CLAREMONT HEIGHTS HYDRO SUBAREA Y-01.B3											
01S/08W-02B02 S	1550.0	9-01-63 (CONT.)	245.0	1305.0	1101						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	
SANTA ANA RIVER HYDRO UNIT Y-01-00												
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01-03						MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01-00						
CLAREMONT HEIGHTS SUBAREA						CLAREMONT HEIGHTS SUBAREA						
01S/08W-03A01 S	1511.8		(CONT.)	232.4	1279.4	1101	01S/08W-03F02 S	1379.2	1-15-64	213.6	1165.6	1101
			10-07-63	234.2	1277.6				2-01-64	211.3	1167.9	
			12-09-63	234.2	1277.6				2-15-64	211.3	1167.9	
			1-07-64	234.4	1277.7				3-01-64	208.9	1170.3	
			2-04-64	234.1	1277.7				3-13-64	211.1	1168.7	
			3-05-64	235.0	1276.8				4-01-64	211.3	1167.9	
			4-06-64	235.4	1276.4				4-17-64	198.3	1184.1	
			5-11-64	239.4	1276.4				5-11-64	190.4	1184.1	
			6-09-64	241.3	1276.5				7-01-63	195.1	1183.9	
01S/08W-03F01 S	1376.0**		7-01-63	159.4	1216.6	1101	01S/08W-03F03 S	1379.0	7-15-63	195.1	1183.9	
			7-15-63	160.6	1215.4				8-01-63	195.1	1183.9	
			8-01-63	160.6	1215.4				8-15-63	204.3	1178.7	
			8-15-63	159.4	1216.6				9-01-63	198.9	1180.4	
			9-01-63	160.6	1215.4				9-15-63	195.1	1175.6	
			9-15-63	160.6	1215.4				10-01-63	209.6	1174.2	
			10-01-63	160.6	1215.4				10-15-63	211.9	1164.7	
			10-15-63	161.8	1214.2				11-15-63	211.3	1167.7	
			11-01-63	162.9	1213.1				12-01-63	211.3	1167.7	
			11-15-63	162.9	1213.1				12-15-63	253.4P	1125.6	
			12-01-63	160.6	1213.5				1-01-64	255.7P	1123.3	
			12-15-63	161.8	1214.2				1-15-64	255.7P	1123.3	
			1-01-64	162.9	1213.1				1-15-64	255.7P	1123.3	
			1-15-64	162.9	1213.1				2-01-64	218.7	1181.1	
			2-01-64	162.9	1213.1				2-15-64	218.7	1181.1	
			3-01-64	165.2	1213.1				3-01-64	251.1P	1127.9	
			3-15-64	165.2	1213.0				3-15-64	218.7	1181.1	
			4-01-64	162.9	1213.1				4-01-64	197.9	1181.1	
			5-01-64	160.6	1215.4				5-01-64	163.1	1247.9	
01S/08W-03F02 S	1379.2		7-01-63	195.1	1184.1	1101	01S/08W-03J01 S	1411.0**	11-19-63	163.1	1247.9	
			7-15-63	195.1	1184.1				4-07-64	169.3	1241.7	
			8-01-63	195.1	1184.1				7-09-63	112.3	1231.2	
			8-15-63	204.3	1174.9				8-07-63	108.8	1235.2	
			9-01-63	208.9	1170.3				9-10-63	109.2	1234.8	
			9-15-63	195.1	1184.1				10-07-63	117.6	1226.4	
			10-01-63	206.6	1172.6				11-27-63	110.2	1233.6	
			10-15-63	207.8	1171.4				11-15-63	118.3	1231.9	
			11-01-63	211.3	1167.9				1-07-64	110.7	1232.9	
			11-15-63	211.3	1167.9				2-05-64	111.1	1232.8	
			12-01-63	211.3	1167.9				2-05-64	111.2	1232.8	
			12-15-63	211.3	1167.9				(CONT.)	111.8	1232.2	
			1-01-64	212.4	1166.8							

** Approximate ground surface elevation

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT Y-01-B0											
CLAREMONT HELIOLIGHTS HYDRO SUBAREA Y-01-03											
01S/08M-03L02 S	1344.0**	5-11-64	111.0	1233.0	1101	01S/08M-04L01 S	1305.0**	2-01-64	277.6P	1027.4	1101
		6-09-64	112.1	1231.9				2-15-64	279.9P	1025.1	
01S/08M-03M03 S	1329.0**	7-09-63	161.7	1167.3	1101			3-01-64	274.9P	1025.1	
		8-07-63	158.4	1170.6				3-15-64	282.2P	1022.8	
		9-10-63	157.5	1171.5				4-01-64	282.2P	1022.8	
		10-07-63	155.5	1173.5				4-15-64	259.1	1045.9	
		11-27-63	156.9	1172.1				7-31-63	272.0	930.0	1101
		12-10-63	154.5	1174.5				11-15-63	226.0*	876.0	
		1-07-64	164.8	1164.2				12-07-63	327.0	915.0	
		2-04-64	162.5	1166.5				1-07-64	284.0	918.0	
		3-02-64	153.5	1175.5				2-15-64	275.0	927.0	
		4-06-64	152.5	1176.5				3-15-64	311.0	891.0	
		5-11-64	149.2	1179.8				4-15-64	311.0	891.0	
		6-09-64	154.6	1174.4				4-30-64	301.0	901.0	
01S/08M-04K01 S	1318.8	7-09-63	218.3	1100.5	1101	01S/08M-09E04 S	1202.0**	7-31-63	272.0	930.0	1101
		8-07-63	225.3	1093.5				11-15-63	226.0*	876.0	
		9-10-63	230.3	1088.5				12-07-63	327.0	915.0	
		10-27-63	231.0	1085.8				1-07-64	284.0	918.0	
		12-06-63	231.1	1085.7				2-15-64	275.0	927.0	
		1-07-64	234.2	1084.6				3-15-64	311.0	891.0	
		2-04-64	235.2	1083.6				4-15-64	311.0	891.0	
		3-03-64	235.3	1083.5				4-30-64	301.0	901.0	
		4-06-64	235.2	1083.6				5-15-64	277.0	925.0	
		5-11-64	236.0	1082.8				6-15-64	295.0	909.0	
		6-09-64	238.0	1080.8				7-17-63	41.7	2028.3	1101
		7-01-63	245.3P	1059.7		01N/08M-23J01 S	2070.0**	7-10-63	45.7	2024.8	
		7-15-63	251.0P	1054.0				10-29-63	47.3	2022.7	
		8-01-63	233.7	1071.3				11-12-63	46.9	2021.7	
		8-15-63	258.0P	1047.0				12-12-63	46.9	2023.1	
		9-01-63	245.3	1059.7				1-09-64	49.6	2020.4	
		9-15-63	267.2P	1037.8				2-06-64	44.0	2026.0	
		10-01-63	268.4P	1036.6				3-04-64	43.5	2026.5	
		10-15-63	247.5	1057.5				4-07-64	38.8	2031.2	
		11-01-63	274.1P	1030.9				7-01-63	133.0A	2008.7	1101
		11-15-63	273.0P	1032.0				7-15-63	133.0A	2008.7	
		12-01-63	270.7P	1034.3				8-01-63	137.0A	2004.7	
		12-15-63	273.0P	1032.0				8-15-63	133.0A	2008.7	
		1-01-64	275.3P	1029.7				9-03-63	135.0A	2006.7	4235
		1-01-64	277.6P	1027.4				9-10-63	134.0A	2007.7	1101
								9-10-63	135.0A	2006.7	
								9-15-63	135.0A	2006.7	4235
								10-01-63	134.0A	2007.7	1101
								10-15-63	134.0A	2007.7	4235
								10-21-63	135.0A	2006.7	1101
								11-08-63	135.0A	2006.7	4235
								11-15-63	132.0A	2008.7	1101
								12-08-63	136.0A	2006.7	

* Questionable measurement P Pumping measurement A Air gauge measurement

** Approximate ground surface elevation

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

(CONT.)

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. Water Surface to Well (ft)	Water Surface Elev. (ft)	Agency Supplying Data	State Well Location	G. S. Elev., in Feet	Date	Dist. G. S. Water Surface to Well (ft)	Water Surface Elev. (ft)	Agency Supplying Data
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01-B0 CLAREMONT HEIGHTS HYDRO SUBAREA Y-01-B3											
01N/08W-24E01 S	2141.7	12-15-63	135.0A	2006.7	4235	01N/08W-24L01 S	2137.6	4-06-64	190.0A	1947.6	1101
		12-16-63	131.0A	2010.7				8-01-63	223.0A	1632.0	
		1-06-64	134.0A	2007.7				8-12-63	216.0A	1639.0	
		1-15-64	134.0A	2007.7	4235			9-03-63	217.0A	1638.0	
		1-27-64	134.0A	2007.7	4235			9-16-63	217.0A	1638.0	
		2-03-64	133.0A	2008.7	1101	01N/08W-25K02 S	1855.0	10-01-63	215.0A	1640.0	
		2-10-64	132.0A	2009.7				10-14-63	217.0A	1638.0	
		5-05-64	133.0A	2008.7	4235			11-04-63	253.0P	1602.0	
		3-15-64	130.0A	2011.7	1101			11-28-63	214.0A	1641.0	
		3-16-64	130.0A	2011.7	4235			1-06-63	216.0A	1639.0	
		3-30-64	131.0A	2010.7	1101			1-06-63	216.0A	1639.0	
		4-15-64	131.0A	2010.7	4235			1-25-64	256.0A	1634.0	
		6-15-64	131.0A	2010.7				1-25-64	256.0A	1634.0	
01N/08W-24L01 S	2137.6	7-01-63	191.0P	1946.6	1101			2-03-64	264.0P	1599.0	
		7-15-63	191.0P	1946.6	4235			2-17-64	223.0A	1632.0	
		7-22-63	196.0A	1941.6	1101			3-02-64	227.0A	1628.0	
		8-01-63	197.0A	1940.6				3-23-64	230.0A	1625.0	
		8-15-63	194.0P	1943.6	4235			4-06-64	227.0A	1628.0	
		8-19-63	197.0A	1940.6	1101						
		9-03-63	202.0A	1935.6							
		9-15-63	202.0A	1935.6	4235	01N/08W-25K03 S	1830.0**	10-31-63	207.7P	1622.3	1101
		9-16-63	201.0A	1936.6	1101			1-01-64	227.4P	1602.6	
		1-01-63	202.0A	1935.6				1-16-64	211.6P	1629.8	
		10-14-63	203.0A	1934.6				2-17-64	229.1P	1600.9	
		10-15-63	202.0A	1935.6	4235			4-02-64	210.2	1619.8	
		11-04-63	201.0A	1936.6	1101						
		11-15-63	201.0A	1936.6	4235						
		11-18-63	199.0A	1938.6	1101	01N/08W-25L01 S	1860.0	1-16-64	348.0A	1512.0	3719
		12-02-63	199.0A	1938.6				2-17-64	348.0A	1512.0	
		12-13-63	199.0A	1938.6	4235						
		1-13-63	194.0A	1943.6	1101						
		1-15-64	193.0A	1936.6							
		1-16-64	193.0A	1936.6	4235						
		1-27-64	199.0A	1938.6	1101						
		2-03-64	199.0A	1938.6	1101						
		2-15-64	199.0A	1938.6	4235						
		2-17-64	199.0A	1938.6	1101						
		3-02-64	197.0A	1940.6	1101						
		3-15-64	197.0A	1940.6	4235	01N/08W-25001 S	1831.7	7-16-63	186.7	1645.0	1101
		3-16-64	192.0A	1945.6	1101			8-08-63	190.2	1641.5	

** Approximate ground surface elevation

* Questionable measurement

P Pumping measurement

A Air gauge measurement

(CONT.)

(CONT.)

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. Surface to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. Surface to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01-B0 CLAREMONT HEIGHTS HYDRO SUBAREA						Y-01-B3					
01N/08W-25Q01 S	1831.7	(CONT.)	7-03-63	1469.6	1101	01N/08W-34H01 S	1589.0**	11-22-63	281.4	1307.6	1101
			8-28-63	1640.0				4-06-64	277.4	1311.6	
			9-24-63	191.7				11-22-63	233.6	1284.4	1101
			11-08-63	192.0				4-06-64	226.7	1291.3	
			12-04-63	190.7				11-22-63	251.8	1288.2	1101
			12-28-63	190.7				4-06-64	245.8	1294.2	
			1-14-64	191.2				11-22-63	213.9	1291.5	1101
			1-28-64	191.2				4-06-64	208.8	1296.6	
			2-27-64	193.0				11-22-63	335.1	1279.9	1101
			3-17-64	193.0				4-06-64	335.4	1279.6	
			4-06-64	193.2				7-16-63	514.9P	1103.1	1101
			7-03-63	270.6				8-08-63	520.6P	1071.4	
			7-15-63	270.8				8-28-63	524.7P	1093.3	
			7-31-63	270.9				9-24-63	421.3	1196.7	
			8-14-63	271.0				11-08-63	518.3P	1099.7	
			9-04-63	271.3				12-04-63	411.5	1206.5	
			9-18-63	271.4				12-28-63	420.0A	1198.0	
			10-02-63	271.4				1-14-64	507.9P	1110.1	
			10-16-63	271.5				1-28-64	405.5	1212.5	
			10-30-63	271.5				2-27-64	526.8P	1091.2	
			11-13-63	271.5				4-06-64	390.5	1227.5	
			12-04-63	271.5				7-16-63	572.8P	1034.6	1101
			12-18-63	271.5				9-24-63	440.8A	1166.5	
			1-02-64	271.5				12-04-63	444.0	1163.1	
			1-15-64	271.5				12-28-63	443.3A	1163.6	
			2-05-64	271.4				1-14-64	438.8	1168.2	
			2-19-64	271.5				2-27-64	431.3	1175.6	
			3-05-64	271.5				3-17-64	431.5	1175.6	
			3-19-64	271.7				4-06-64	418.5	1188.6	
			4-02-64	271.6				7-16-63	490.3P	1147.7	1101
			4-16-64	271.8				8-08-63	508.8P	1129.2	
			4-30-64	271.7				8-28-63	506.8P	1131.5	
			5-14-64	272.0				9-24-63	383.0A	1255.0	
			6-18-64	271.3				11-08-63	445.5*	1192.5	
			6-18-64	271.9				12-04-63	400.0	1238.0	
								12-28-63	416.2	1221.8	
01N/08W-34A01 S	1670.0**	5-08-64	260.2	1409.8	1101	01N/08W-35J02 S	1607.1				
01N/08W-34A02 S	1668.0**	11-22-63	252.7	1395.3	1101						
		4-06-64	245.5	1402.5							
01N/08W-34A03 S	1635.0	11-22-63	304.6	1330.4	1101						
		4-06-64	299.7	1335.3							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. Well Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. Well Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT Y-01-0B0 CLAREMONT HEIGHTS HYDRO SUBAREA											
01N/08W-35K01 S	1638.0**	1-28-64	411.0	1227.0	1101	01S/07W-04B01 S	1428.2	7-06-63	236.5	1191.2	4702
		2-27-64	535.8P	1102.2				8-02-63	250.0	1178.2	
		4-06-64	393.0	1245.0				9-01-63	250.0	1178.2	
01N/08W-35K02 S	1635.0**	7-16-63	490.3P	1144.7	4748			10-03-63	266.0	1164.2	
		8-08-63	508.8P	1126.2				11-04-63	246.5	1181.7	
		8-28-63	506.5P	1128.5				12-01-63	233.5	1179.7	
		9-24-63	382.9*	1252.1				1-02-64	247.0	1181.2	
		11-08-63	445.5	1189.5				2-03-64	236.5	1193.7	
		12-04-63	400.0	1235.0				3-04-64	238.5	1189.7	
		12-28-63	416.2*	1218.8				4-10-64	233.5	1194.7	
		1-14-64	523.0P	1117.0				5-04-64	210.0	1218.2	
		1-28-64	411.0	1224.0				6-02-64	256.0*	1174.2	
		2-27-64	535.7P	1099.3		01S/07W-04B02 S	1428.2	7-06-63	234.3	1193.9	4702
		4-06-64	393.0	1246.0				8-02-63	247.8	1179.4	
		4-29-64	406.3	1237.7				9-01-63	259.8	1166.4	
		5-18-64	405.0	1217.0				10-01-63	259.8	1166.4	
		5-28-64	417.3	1217.7				11-02-63	243.8	1184.4	
								12-01-63	229.3	1189.9	
								1-02-64	243.8	1184.4	
01N/08W-36D01 S	1760.0	7-16-63	278.0	1482.0	4748			2-03-64	230.8	1197.4	
		8-08-63	277.8	1482.2				3-04-64	235.3	1192.9	
		8-28-63	277.8	1482.2				4-10-64	229.3	1198.9	
		9-24-63	278.0	1482.0				5-04-64	237.8	1174.4	
		11-08-63	278.0	1482.0				6-02-64	250.8	1177.4	
		12-04-63	278.5	1481.5				7-06-63	291.8P	1160.0	4702
		12-28-63	278.5	1481.5				8-02-63	301.8P	1150.0	
		1-14-64	279.0	1481.0				9-01-63	275.3	1176.5	
		1-28-64	278.5	1481.5	1101			10-03-63	271.3	1180.5	
		2-27-64	278.5	1481.5	4748			11-04-63	272.3	1179.5	
		2-27-64	278.5	1481.5	1101			12-01-63	263.3	1188.5	
		3-17-64	278.3	1481.7	4748			1-02-64	274.8P	1179.7	
		3-17-64	278.3	1481.7	1101			2-03-64	259.8	1188.5	
		4-06-64	278.5	1481.5	4748			3-04-64	263.3	1188.5	
		4-06-64	278.5	1481.5	1101			4-10-64	258.8	1195.0	
		4-07-64	278.6	1481.4				5-04-64	286.3P	1163.5	
		4-29-64	279.5	1480.5	4748			6-02-64	303.3P	1149.5	
		5-14-64	278.5	1481.5				7-06-63	203.8	1192.1	4702
		5-28-64	279.0	1481.0				8-02-63	218.8	1177.1	
		6-16-64	278.8	1481.2				9-01-63	222.8	1173.1	
		6-30-64	278.8	1481.2				10-01-63	224.8	1174.1	
								11-02-63	224.8	1174.1	
								12-01-63	224.8	1174.1	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

(CONT.)

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. In Feet	Agency Supplying Data	Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV HYDR SUBUNIT						MIDDLE SANTA ANA RIV HYDR SUBUNIT					
CUCAMONGA HYURO SUBAREA						CUCAMONGA HYURO SUBAREA					
Y-01-B0						Y-01-B0					
Y-01-B4						Y-01-B4					
01S/07M-04E02 S	1395.9	(CONT.)	210.3	1185.6	4702	01N/07M-27002 S	1560.0**	6-02-64	390.0*	1170.0	4702
		12-01-63									
		1-02-64	213.8	1182.1		01N/07M-29E01 S	1840.4	7-16-63	437.9A	1402.5	4748
		2-03-64	204.8	1191.1				8-08-63	539.3P	1301.1	
		3-04-64	207.8	1188.1				8-28-63	545.3P	1795.1	
		4-10-64	201.8	1194.1				9-24-63	449.5A	1390.9	
		6-02-64	216.3	1179.6				11-08-63	559.2P	1281.2	
								12-04-63	473.5	1368.9	
01S/07M-04E03 S	1417.4		256.0P	1161.4	4748			12-28-63	451.8A	1368.6	
		7-16-63						1-18-64	453.0	1367.4	
		8-08-63	267.3P	1150.1				1-28-64	452.5	1367.9	
		9-24-63	273.5P	1143.9				2-27-64	452.8	1367.6	
		11-08-63	267.5P	1149.9				3-17-64	453.5	1366.9	
		12-08-63	229.5	1177.9				4-29-64	453.5	1386.9	
			260.5*	1167.9				5-16-64	454.8	1385.6	
		1-18-64	231.0	1166.9				5-28-64	454.8	1385.6	
		2-27-64	233.5	1183.9				6-16-64	540.9P	1299.5	
		3-17-64	235.0	1182.4				6-30-64	591.3P	1289.1	
		4-06-64	229.8	1187.6							
		4-29-64	251.5P	1165.9		01N/07M-29R03 S	1702.3	7-16-63	544.0A	1158.3	4748
		5-14-64	251.0P	1166.4				8-08-63	549.8P	1152.5	
		5-28-64	256.8P	1160.6				8-28-63	551.5P	1150.8	
		6-16-64	265.0P	1152.4				9-24-63	483.3A	1219.0	
		6-30-64	269.3P	1148.1				11-08-63	551.5P	1150.8	
								12-04-63	480.5	1221.8	
01S/08M-03G04 S	1435.0**	11-15-63	193.0	1242.0	1101			12-28-63	557.9P	1144.4	
								1-14-64	544.0P	1158.3	
		4-10-64						1-28-64	478.3	1224.0	
		5-07-64	363.1	1208.7	5100			2-27-64	556.7P	1145.6	
		5-29-64	399.8P	1172.2				3-17-64	485.0	1217.3	
								4-06-64	476.3	1226.0	
		7-06-63	416.0P	1144.0	4702			4-29-64	556.7P	1145.6	
		8-02-63	416.0P	1144.0				5-14-64	542.8P	1193.5	
		9-01-63	385.5	1174.5				5-28-64	529.0P	1152.8	
		10-03-63	389.5	1178.5				6-16-64	529.0P	1152.8	
		12-01-63	387.0	1193.0				6-30-64	522.8P	1149.5	
		1-02-64	380.0	1180.0							
		3-04-64	381.0	1199.0				7-16-63	512.0P	1172.4	4748
		4-10-64	356.5	1203.5				8-08-63	526.3P	1158.1	
		5-04-64	363.0	1197.0				8-28-63	536.4P	1150.0	
								12-04-63	474.6	1209.8	
								1-28-64	470.8	1213.6	
								3-17-64	473.8	1210.6	
								(CONT.)			

* Questionable measurement
** Approximate ground surface elevation
P Pumping measurement
A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Supplying Elev. in Feet	Agency Supplying Data	State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Supplying Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01+00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01+80											
CUCAMONGA HYDRO SUBAREA											
01N/07W-29R04 S	1684.4	(CONT.) 4-06-64 4-29-64 5-18-64 5-28-64 6-16-64 6-30-64	469.3 501.0P 494.1P 496.4P 500.4P 509.6P	1215.1 1183.4 1190.3 1188.0 1184.0 1174.8	4748	01N/07W-32R03 S	1496.0**	6-30-64	302.5	1193.5	Y-01+84
01N/07W-32R02 S	1490.0	9-24-63 11-08-63 7-16-63 8-08-63 8-28-63 9-24-63 11-08-63 12-04-63 1-28-64 1-28-64 3-17-64 4-06-64 5-14-64 5-28-64 6-16-64 6-30-64	306.9A 310.9A 361.1P 305.7A 335.7P 306.9 310.8A 317.2A 317.2A 317.2A 299.3A 326.5P 318.4P 295.3A 295.3A 311.5P 304.5A 334.6P	1183.1 1179.1 1128.9 1184.3 1184.3 1185.1 1189.1 1189.1 1172.2 1172.2 1172.2 1190.7 1163.5 1171.6 1194.7 1194.7 1178.5 1185.5 1185.4	4748	01N/07W-33R01 S	1488.2	7-16-63	302.5A	1185.7	4748
01N/07W-32R03 S	1496.0**	7-16-63 8-08-63 8-28-63 9-24-63 11-08-63 12-04-63 1-28-64 1-28-64 3-17-64 4-06-64 5-14-64 5-28-64 6-16-64 6-30-64	300.8 301.0 308.0 309.5 310.5 302.0 301.0 301.3 302.8 298.3 295.8 295.2 295.2 302.0	1195.2 1195.0 1188.0 1186.5 1185.5 1194.0 1195.0 1196.7 1192.2 1192.2 1197.7 1200.2 1200.2 1200.5 1194.0	4748	01N/07W-33R02 S	1483.9	7-16-63	304.5*	1179.4	4748
01N/07W-33R01 S	1490.0	8-08-63 8-28-63 9-24-63 11-08-63 12-04-63 1-28-64 1-28-64 3-17-64 4-06-64 5-14-64 5-28-64 6-16-64 6-30-64	302.5 302.6A 324.6A 322.6P 313.6A 321.6P 302.5A 293.0A 291.5A 311.5P 312.9 302.0A 328.0P	1182.2 1186.7 1189.2 1187.2 1187.2 1187.2 1189.2 1189.2 1196.7 1176.7 1186.2 1160.2	4748	01N/07W-33R03 S	1490.0	8-08-63	331.0P	1159.4	4748
SANTA ANA RIVER HYDRO UNIT Y-01+00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01+80											
CUCAMONGA HYDRO SUBAREA											
01N/07W-29R04 S	1684.4	(CONT.) 4-06-64 4-29-64 5-18-64 5-28-64 6-16-64 6-30-64	469.3 501.0P 494.1P 496.4P 500.4P 509.6P	1215.1 1183.4 1190.3 1188.0 1184.0 1174.8	4748	01N/07W-32R03 S	1496.0**	6-30-64	302.5	1193.5	Y-01+84
01N/07W-32R02 S	1490.0	9-24-63 11-08-63 7-16-63 8-08-63 8-28-63 9-24-63 11-08-63 12-04-63 1-28-64 1-28-64 3-17-64 4-06-64 5-14-64 5-28-64 6-16-64 6-30-64	306.9A 310.9A 361.1P 305.7A 335.7P 306.9 310.8A 317.2A 317.2A 317.2A 299.3A 326.5P 318.4P 295.3A 295.3A 311.5P 304.5A 334.6P	1183.1 1179.1 1128.9 1184.3 1184.3 1185.1 1189.1 1189.1 1172.2 1172.2 1172.2 1190.7 1163.5 1171.6 1194.7 1194.7 1178.5 1185.5 1185.4	4748	01N/07W-33R01 S	1488.2	7-16-63	302.5A	1185.7	4748
01N/07W-32R03 S	1496.0**	7-16-63 8-08-63 8-28-63 9-24-63 11-08-63 12-04-63 1-28-64 1-28-64 3-17-64 4-06-64 5-14-64 5-28-64 6-16-64 6-30-64	300.8 301.0 308.0 309.5 310.5 302.0 301.0 301.3 302.8 298.3 295.8 295.2 295.2 302.0	1195.2 1195.0 1188.0 1186.5 1185.5 1194.0 1195.0 1196.7 1192.2 1192.2 1197.7 1200.2 1200.2 1200.5 1194.0	4748	01N/07W-33R02 S	1483.9	7-16-63	304.5*	1179.4	4748
01N/07W-33R01 S	1490.0	8-08-63 8-28-63 9-24-63 11-08-63 12-04-63 1-28-64 1-28-64 3-17-64 4-06-64 5-14-64 5-28-64 6-16-64 6-30-64	302.5 302.6A 324.6A 322.6P 313.6A 321.6P 302.5A 293.0A 291.5A 311.5P 312.9 302.0A 328.0P	1182.2 1186.7 1189.2 1187.2 1187.2 1187.2 1189.2 1189.2 1196.7 1176.7 1186.2 1160.2	4748	01N/07W-33R03 S	1490.0	8-08-63	331.0P	1159.4	4748

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Stake Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	Stake Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT CUCAMONGA HYDRO SUBAREA											
01N/07W-33N03 S	1490.0	(CONT.)	344.0P	1146.0	4748	01N/07W-34J02 S	1404.0**	4-10-64	222.0	1182.0	Y-01-B4
		9-24-63	307.3A	1182.7				5-04-64	243.0	1161.0	4707
		11-08-63	311.5*	1178.5				6-02-64	315.0P	1089.0	
		12-04-63	300.5A	1189.5		TEMPORAL HYDRO SUBAREA					
		12-04-63	302.5A	1187.5							Y-01-B5
		1-14-64	324.3P	1165.7							
		1-28-64	297.5A	1192.5		03S/06W-06K02 S	629.0	7-02-63	49.7	579.3	4103
		2-27-64	336.0P	1154.0				8-01-63	48.7	580.3	
		3-17-64	299.0A	1191.0				9-03-63	48.7	580.3	
		4-06-64	294.3A	1195.7				10-22-63	48.5	580.5	
		4-29-64	293.3A	1196.7				12-03-63	48.6	580.4	
		5-14-64	301.0A	1189.0				1-07-64	48.6	580.4	
		5-28-64	301.0A	1189.0				2-05-64	48.6	580.4	
		6-16-64	305.0A	1185.0				3-13-64	48.6	580.4	
		6-30-64	343.0P	1147.0				5-12-64	48.5	580.5	
01N/07W-33P01 S	1485.0**	7-16-63	320.3P	1164.7	4748	03S/06W-07A01 S	660.0	10-22-63	29.2	630.8	4103
		8-08-63	331.5P	1153.5				3-13-64	29.3	630.7	
		8-28-63	336.5P	1148.5				12-06-63	50.2	627.0	5718
		11-04-63	302.5A	1192.5				4-13-64	48.0	629.2	
		12-04-63	298.0A	1189.0							
		12-28-63	298.3A	1186.7							
		1-14-64	300.0A	1185.0		03S/06W-28H01 S	703.0**	10-16-63	88.0P	615.0	4103
		1-28-64	278.5A	1191.5				1-08-64	86.8P	619.2	
		2-27-64	298.0A	1187.0				2-07-64	85.2P	617.8	
		3-17-64	299.5A	1185.5				5-13-64	85.5	617.5	
		4-06-64	290.0A	1195.0							
		4-29-64	285.8A	1199.2		03S/06W-28L03 S	673.0	12-02-63	54.7	618.3	5718
		5-14-64	292.8A	1192.2				4-14-64	53.0	620.0	
		5-18-64	299.3A	1192.7							
		6-16-64	299.3A	1185.7		03S/06W-28L04 S	674.8	4-14-64	55.0	619.8	5718
		6-30-64	307.5*	1177.5							
01N/07W-34J02 S	1404.0**	7-06-63	223.5	1180.5	4702	03S/06W-28M01 S	665.7	12-02-63	52.2	613.5	5718
		8-02-63	223.5	1180.5				4-14-64	50.6	615.1	
		9-01-63	223.5	1180.5		03S/06W-28M02 S	666.1	4-14-64	50.2	615.9	5718
		10-03-63	229.5	1174.5							
		11-04-63	222.5	1181.5		03S/06W-28N01 S	670.7	10-24-63	56.5	614.2	5102
		12-01-63	223.5	1180.5							
		1-02-64	222.0	1182.0		03S/06W-29M03 S	650.7	10-16-63	48.4	602.3	4103
		2-03-64	220.0	1184.0							
		3-04-64	222.0	1182.0							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01-00											
TEMESCAL HYURO SUBARREA											
Y-01-05											
03S/06W-30K01 S	612.3	10-22-63 3-17-64	51.1 48.7	561.2 564.1	4103	03S/06W-31D02 S	690.0	1-04-64	138.0	552.0	5717
03S/06W-30002 S	624.6	10-24-63 4-16-64	62.5P 59.2P	562.1 565.4	5102			1-18-64	138.0	551.1	
03S/06W-31D01 S	690.0**	7-06-63	141.1P	548.9	5717			2-01-64	138.0	552.0	
		7-20-63	142.3P	547.7				2-15-64	136.8	552.8	
		8-03-63	142.9P	547.1				3-07-64	137.2	553.8	
		8-17-63	143.9P	546.1				3-14-64	135.7	553.8	
		9-07-63	142.8P	547.2				4-01-64	136.3	553.7	
		10-14-63	141.3P	548.6				4-18-64	137.3	552.7	
		10-05-63	141.2P	548.6				5-02-64	136.6	553.4	
		11-02-63	141.2P	548.6				2-16-64	136.6	553.2	
		11-16-63	141.5P	548.5				6-06-64	139.6	552.2	
		12-07-63	141.3P	548.7				6-13-64	139.9	554.1	
		12-14-63	141.2P	548.8				6-13-64	139.9	554.1	5872
		1-14-64	139.8P	550.2							
		1-18-64	140.2P	549.8							
		2-01-64	147.5P	542.5							
		2-15-64	137.8P	552.2							
		3-07-64	138.8P	551.2							
		3-14-64	137.5P	552.5							
		4-01-64	138.5P	551.5							
		4-18-64	139.8P	550.2							
		5-02-64	138.2*	551.8							
		5-16-64	137.3P	552.7							
		6-06-64	137.8P	552.2							
		6-13-64	137.8P	552.2							
		6-13-64	137.8P	552.2	5872						
03S/06W-31D02 S	690.0	7-06-63	140.9	549.1	5717	03S/07W-20L01 S	474.3	7-03-63	14.1	473.2	5102
		7-20-63	140.9	549.1				7-17-63	14.2	473.1	
		8-03-63	140.8	549.2				8-31-63	14.3	473.0	
		8-17-63	142.5	547.5				8-14-63	14.3	473.0	
		9-07-63	141.9	548.1				9-28-63	14.6	472.6	
		9-14-63	141.2	548.6				10-02-63	0.0	473.4	
		10-05-63	140.3	549.7				10-02-63	0.0	473.3	
		10-12-63	140.3	549.7				10-16-63	0.8	473.5	
		11-02-63	141.3	548.7				10-30-63	0.8	473.5	
		11-16-63	141.4	549.6				11-13-63	0.7	473.6	
		12-07-63	140.2	549.8				12-04-63	0.6	473.8	
		12-14-63	139.1	550.7				12-18-63	0.4	473.9	
		{CONT.}						{CONT.}			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01-80											
TEMESCAL HYDRO SUBAREA											
03S/07W-20L01 S	474.3	(CONT.)	0.4	473.9	5102	03S/07W-20L04 S	479.6	9-18-63	4.9	474.7	5102
		1-02-64	0.5	473.8				10-02-63	5.4	474.2	
		1-15-64	0.2	474.1				10-16-63	5.3	474.3	
		2-19-64	0.5	473.8				11-30-63	5.3	474.3	
		3-04-64	0.4	473.9				12-04-63	5.1	474.5	
		3-18-64	0.4	473.9				12-18-63	5.1	474.5	
		4-01-64	0.1	474.2				1-02-64	5.1	474.5	
		4-15-64	0.5	473.8				1-15-64	5.2	474.4	
		4-29-64	0.7	473.6				1-29-64	5.1	474.5	
		5-13-64	0.8	473.5				2-19-64	5.3	474.3	
		6-03-64	1.1	473.2				3-04-64	5.2	474.4	
		6-17-64	1.1	473.2				3-18-64	5.2	474.4	
03S/07W-20L03 S	480.0	7-03-63	5.7	476.3	5102			4-01-64	5.9	478.2	
		7-31-63	5.9	476.1				4-19-64	5.3	478.2	
		8-14-63	6.0	476.0				5-13-64	5.4	478.2	
		8-28-63	6.0	476.0				6-03-64	5.6	474.0	
		9-18-63	5.7	476.3				6-17-64	5.7	473.9	
		10-02-63	5.6	476.4							
		10-16-63	5.5	476.5							
		10-30-63	5.5	476.5							
		11-13-63	5.4	476.6							
		12-04-63	5.1	476.9							
		12-18-63	5.1	476.9							
		1-02-64	5.1	476.9							
		1-15-64	5.2	476.8							
		1-29-64	4.9	475.1							
		2-19-64	5.1	476.9							
		3-04-64	5.2	476.8							
		3-18-64	5.1	476.9							
		4-01-64	5.3	476.7							
		4-15-64	5.2	476.8							
		4-29-64	5.4	476.6							
		5-13-64	5.5	476.5							
		6-03-64	5.6	476.4							
		6-17-64	5.6	476.4							
03S/07W-20L04 S	479.6	7-03-63	5.6	476.0	5102			1-15-64	5.1	466.9	
		7-17-63	5.7	473.9				1-29-64	5.1	466.9	
		7-31-63	5.7	473.9				2-19-64	5.3	466.7	
		8-14-63	5.7	473.9				3-04-64	5.3	466.7	
		8-28-63	5.9	473.7				3-18-64	5.2	466.8	
		(CONT.)						(CONT.)			

** Approximate ground surface elevation

* Questionable measurement

P. Pumping measurement

A. Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Stone Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	Stone Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01-80											
TELMESSAL HYDR SUBAREA											
03S/07M-20P01 S	472.0	(CONT.)	5.2	466.8	5102	03S/07M-20P03 S	473.0	12-18-63	6.5	466.5	5102
		4-01-64	5.2	466.8				1-02-64	6.4	466.6	
		4-15-64	5.2	466.8				1-15-64	6.4	466.6	
		5-29-64	5.1	466.9				1-29-64	6.2	466.9	
		6-03-64	5.1	466.9				2-19-64	6.5	466.5	
		6-17-64	5.2	466.8				3-04-64	6.2	466.8	
			5.2	466.8				3-18-64	6.1	466.9	
SANTA ANA RIVER HYDRO UNIT Y-01-00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01-80											
TELMESSAL HYDR SUBAREA											
03S/07M-20P02 S	471.5	7-03-63	6.0	465.5	5102	03S/07M-20Q01 S	490.2	7-03-63	8.1	482.1	5102
		7-17-63	6.2	465.3				7-17-63	8.2	482.0	
		7-31-63	6.3	465.2				7-31-63	8.2	482.0	
		8-14-63	6.3	465.2				8-14-63	8.2	482.0	
		8-28-63	6.4	465.1				8-28-63	8.4	481.8	
		9-18-63	6.4	465.1				9-18-63	7.7	482.5	
		10-02-63	5.3	466.2				10-02-63	7.9	482.3	
		10-16-63	5.2	466.3				10-16-63	7.8	482.4	
		11-30-63	5.1	466.4				11-30-63	7.8	482.4	
		11-13-63	5.1	466.4				11-13-63	7.7	482.5	
		12-04-63	3.5	468.0				12-04-63	7.5	482.7	
		12-18-63	3.7	467.8				12-18-63	7.4	482.8	
		1-02-64	3.7	467.8				1-02-64	7.4	482.8	
		1-15-64	3.8	467.7				1-15-64	7.4	482.8	
		1-29-64	3.5	468.0				1-29-64	7.2	483.0	
		2-19-64	3.6	467.9				2-19-64	7.1	483.0	
		3-04-64	3.6	467.9				3-04-64	7.1	483.0	
		3-18-64	3.6	467.9				3-18-64	7.2	483.0	
		4-01-64	3.5	468.0				4-01-64	7.0	483.0	
		4-15-64	3.5	468.0				4-15-64	7.2	483.0	
		4-29-64	3.6	467.9				4-29-64	7.2	483.0	
		5-13-64	3.7	467.8				5-13-64	7.1	482.9	
		6-03-64	4.8	467.7				6-03-64	7.6	482.6	
		6-17-64	4.0	467.5				6-17-64	7.5	482.7	
SANTA ANA RIVER HYDRO UNIT Y-01-00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01-80											
TELMESSAL HYDR SUBAREA											
03S/07M-20P03 S	473.0	7-03-63	6.3	466.7	5102	03S/07M-21B04 S	496.2	7-17-63	4.7	491.5	5102
		7-17-63	6.4	466.6				8-21-63	4.8	491.4	
		7-31-63	6.5	466.5				11-29-63	DRY		
		8-14-63	6.6	466.4							
		8-28-63	6.8	466.2							
		9-18-63	6.8	466.2							
		10-02-63	6.9	466.1							
		10-16-63	6.9	466.1							
		10-30-63	6.9	466.1							
		11-13-63	6.8	466.2							
		12-04-63	6.6	466.4							
(CONT.)											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01-80											
TELMESSAL HYDR SUBAREA											
03S/07M-21B05 S	495.2	3-26-64	2.3	492.9	5102	03S/07M-21B05 S	495.2	3-26-64	2.3	492.9	5102

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT											
TEMESCAL HYDRO SUBAREA											
03S/07W-21C02 S	492.3	7-17-63	1.8	490.5	5102	03S/07W-21M02 S	492.0**	1-07-64	5.4	486.6	4103
		8-21-63	2.1	490.2				1-24-64	5.1	486.9	
		12-19-63	1.2	491.1				2-06-64	5.2	485.8	4103
		1-24-64	0.7	491.6				2-19-64	6.2	485.8	5102
		2-19-64	1.0	491.3				3-13-64	5.0	487.0	4103
		3-26-64	0.8	491.5				3-26-64	4.9	487.1	5102
		4-23-64	1.1	491.2				4-23-64	5.2	486.8	4103
		5-20-64	1.2	491.1				5-13-64	5.3	486.7	4103
		6-17-64	1.3	491.0				5-20-64	5.4	486.6	5102
03S/07W-21C03 S	492.0	10-22-63	2.9	489.1	4103	03S/07W-21M03 S	486.9	3-26-64	0.4	486.5	5102
		3-16-64	2.3	489.7				3-26-64	6.3P	490.2	5102
		3-26-64	3.0	489.7	5102			4-16-64	20.0	508.3	5102
03S/07W-21G01 S	505.9	10-16-63	12.3	493.6	4103	03S/07W-22G02 S	528.3	10-16-63	24.0	508.3	5102
		3-13-64	10.5	495.4				4-16-64	20.0	508.3	5102
		3-26-64	8.9	497.0	5102			10-24-63	30.8	506.7	5102
03S/07W-21K01 S	512.2	7-17-63	17.7*	494.5	5102	03S/07W-22H01 S	537.5	4-16-64	26.9	510.6	
		8-21-63	18.6*	493.6				10-22-63	24.7	509.1	4103
		11-29-63	15.6	496.6				3-13-64	23.9	509.9	
		12-19-63	15.3	496.6				10-22-63	24.4	503.4	4103
		2-19-64	14.7	497.5				3-13-64	21.6	506.2	
		3-26-64	14.4	497.6				3-26-64	21.3	506.5	5102
		4-23-64	14.4	497.8							
		5-20-64	15.0	497.2							
		6-17-64	15.0	477.2							
03S/07W-21K02 S	511.8	3-26-64	13.8	498.0	5102	03S/07W-23C03 S	546.2	10-22-63	34.1	512.1	4103
		10-16-63	2.1	486.7	4103			10-24-63	34.1	512.1	5102
		3-13-64	-0.6	489.4				3-13-64	30.5	515.7	4103
		3-26-64	1.3	487.5	5102	03S/07W-23D01 S	534.9	10-24-63	28.2	508.7	5102
								4-16-64	24.5	510.4	
03S/07W-21M02 S	492.0**	7-02-63	6.3	485.7	4103	03S/07W-23L01 S	576.0**	7-06-63	58.2	517.8	5717
		7-17-63	6.2	485.8	5102			7-20-63	60.2	515.8	
		8-02-63	6.2	485.8	4103			8-03-63	60.5	515.5	
		8-21-63	6.4	485.6	5102			8-03-63	60.5	515.5	
		9-05-63	6.5	485.5	4103			8-17-63	60.9	515.1	
		10-16-63	5.9	486.1				9-07-63	61.8	514.2	
		11-29-63	5.8	486.2	5102			9-14-63	62.3	513.7	
		12-03-63	5.6	486.4	4103			10-05-63	60.2	515.8	
		12-19-63	5.5	486.5	5102			10-19-63	61.8	514.2	
		(CONT.)						(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. To Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. To Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIVER SUBUNIT TEMESCAL HYDRO SUBAREA						Y-01-00					
Y-01-080						Y-01-085					
03S/07W-23L01 S	576.0**	11-02-63	60.0	516.0	5717	03S/07W-25A01 S	595.0	10-22-63	56.9	536.1	4103
(CONT.)											
		11-11-63	51.0	515.0				10-24-63	56.8	536.2	5102
		12-07-63	58.2	517.8				12-04-63	55.6	539.4	4103
		12-14-63	58.5	517.5				1-07-64	54.2	540.8	
		1-04-64	57.3	518.7				2-06-64	54.5	541.5	
		1-18-64	59.3	516.7				3-13-64	52.9	542.1	
		2-01-64	58.2	517.8				4-16-64	52.8	542.2	5102
		2-15-64	58.8	517.2				5-12-64	52.8	542.2	4103
		3-07-64	56.8	519.2				6-10-64	54.9	540.1	
		3-14-64	56.8	519.2				7-10-63	55.0	527.0	4701
		4-01-64	56.3	519.7				8-08-63	55.8	525.2	
		4-18-64	55.3	520.7				9-11-63	57.4	526.6	
		5-02-64	55.8	520.2				10-08-63	57.4	526.6	
		5-16-64	56.6	519.4				11-14-63	53.2	526.4	
		6-06-64	56.8	519.2				12-11-63	53.0	529.2	
		6-13-64	57.0	519.0	5872			1-20-64	52.8	529.2	
		6-13-64	57.0	519.0				2-12-64	50.6	531.4	
03S/07W-23M01 S	555.2	10-16-63	44.2	511.0	5102	03S/07W-25D01 S	582.0	8-10-63	55.0	527.0	
		4-16-64	39.7	515.3				9-11-63	55.8	525.2	
03S/07W-23M02 S	551.1	10-16-63	40.4	510.7	5102			10-08-63	57.4	526.6	
		10-22-63	46.3	504.8	4103			11-14-63	53.2	526.4	
		3-13-64	37.2	513.9	5102			12-11-63	53.0	529.2	
		4-16-64	36.2	514.9	5102			1-20-64	52.8	529.2	
03S/07W-23M03 S	548.7	10-16-63	38.6	510.1	5102			3-11-64	51.7	530.3	
		4-16-64	34.5	514.2				4-15-64	50.0	532.0	
03S/07W-23M01 S	592.2	10-16-63	78.9	513.3	5102			5-13-64	51.4	530.6	
		4-16-64	74.1	518.1				6-10-64	53.2	528.8	
03S/07W-24K01 S	594.0	10-22-63	63.7	530.3	4103	03S/07W-25E01 S	604.0	7-10-63	97.8P	506.2	4701
		3-13-64	60.3	533.7				8-08-63	98.4P	505.6	
03S/07W-24L01 S	583.2	10-22-63	52.9	530.3	4103			9-11-63	97.7P	506.4	
		10-24-63	52.8	530.4	5102			10-08-63	97.6P	506.4	
		3-13-64	48.7	534.5	4103			11-14-63	97.0P	507.0	
		4-16-64	49.7	533.5	5102			12-11-63	76.6	527.4	
		7-02-63	56.2	538.8	4103			1-20-64	74.6	529.4	
		8-02-63	58.0	537.0				2-12-64	72.2	531.8	
		9-05-63	59.0	536.0				3-11-64	97.2P	506.8	
(CONT.)								4-15-64	96.6P	507.4	
03S/07W-25A01 S	595.0	7-02-63	70.0	525.0		03S/07W-25H01 S	606.9	10-22-63	70.0	536.9	4103
		3-13-64	66.8	540.1				3-13-64	66.8	540.1	
		4-16-64	67.2	539.7	5102			4-16-64	67.2	539.7	5102
		7-08-63	101.8	540.2				7-08-63	101.8	540.2	5717
		8-03-63	103.2	538.8				8-03-63	103.2	538.8	
		8-10-63	103.2	538.8				8-10-63	103.2	538.8	
		(CONT.)						(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Identifier	G. S. Elev. in Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT											
TERRACAL HYDRO SUBAREA											
Y-01-00											
03S/07W-25JUL S	642.0	(CONT.)	104.3	537.7	5717	03S/07W-25M02 S	661.0	11-16-63	178.3P	482.7	5717
		9-07-63	104.2	537.8				12-07-63	159.3P	501.7	
		10-10-63	104.2	537.8				12-04-63	175.9P	499.7	
		10-19-63	104.2	537.8				1-18-64	169.2P	495.4	
		11-02-63	103.3	538.7				2-01-64	130.8	530.2	
		11-16-63	104.3	537.7				2-15-64	166.9P	496.1	
		12-07-63	100.0	542.0				3-07-64	164.9P	496.1	
		12-14-63	99.8	542.2				3-14-64	131.5	529.5	
		1-04-64	99.0	543.0				4-01-64	162.9P	498.1	
		1-18-64	99.2	542.8				4-18-64	166.5P	494.5	
		2-01-64	99.3	542.7				5-02-64	168.2P	492.8	
		2-15-64	100.2	541.8				5-16-64	169.9P	491.1	
		3-07-64	99.3	542.7				6-06-64	169.2P	491.8	
		3-14-64	98.5	543.5				6-13-64	169.5P	491.5	5872
		4-01-64	99.2	542.8				6-13-64	169.5P	491.5	5872
		4-18-64	98.2	543.8							
		5-02-64	98.0	544.0				7-10-63	123.2P	516.8	4701
		5-16-64	98.0	544.0				8-08-63	124.3P	515.7	
		6-06-64	98.5	543.5				9-11-63	124.8P	515.2	
		6-13-64	98.8	543.2				10-08-63	124.3P	515.7	
	643.4	6-13-64	100.2	543.2	5872			11-14-63	124.9P	513.1	
								12-11-63	122.0P	518.0	
03S/07W-25M01 S	634.0	7-10-63	111.2P	522.8	4701	03S/07W-26G01 S	640.0	7-10-63	123.2P	516.8	4701
		9-19-63	113.0P	520.7				8-08-63	124.3P	515.7	
		10-08-63	116.2P	523.0				9-11-63	124.8P	515.2	
		10-18-63	115.9P	523.0				10-08-63	124.3P	515.7	
		11-14-63	112.3P	521.7				11-14-63	124.9P	513.1	
		12-11-63	108.7P	525.3				12-11-63	122.0P	518.0	
		1-20-64	100.5	533.5				1-20-64	115.0	525.0	
		2-12-64	97.9	536.1				3-12-64	126.5P	517.0	
		3-11-64	111.5P	522.5				4-15-64	126.3P	519.3	
		4-15-64	106.5P	527.5				5-13-64	120.2P	519.8	
		5-13-64	108.0P	526.0				6-10-64	114.0	526.0	
03S/07W-25M02 S	661.0	7-06-63	180.2P	480.8	5717	03S/07W-26K01 S	677.8	7-10-63	155.0P	522.8	4701
		7-20-63	194.0P	467.0				8-08-63	157.0P	520.8	
		8-03-63	182.9P	478.1				9-11-63	158.0P	519.8	
		8-17-63	198.3P	462.7				10-08-63	155.7P	522.1	
		9-07-63	188.2P	472.8				11-14-63	155.6P	528.6	
		9-14-63	185.9P	475.1				12-11-63	149.2	528.6	
		10-05-63	187.8P	473.2				1-20-64	150.4	527.4	
		10-19-63	189.2P	471.8				2-12-64	149.2	528.6	
		11-02-63	175.9P	485.1				3-11-64	153.9P	523.9	
(CONT.)								4-15-64	151.4P	526.4	
								5-13-64	151.7P	526.4	
								6-10-64	149.4	528.4	
								7-02-63	113.9	517.1	4103
								(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. & Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supt. Date	State Well Number	G. & Elev. in Feet	Elev.	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supt. Date
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT											
TEMESCAL HYDRO SUBAREA											
Y-01-80											
035/07W-27A01 S	631.0	(CONT.)	115.1	515.9	4103	035/07W-28F01 S	573.7	8-01-63	73.8	499.9	4103
		7-01-63	118.1	514.9				9-05-63	74.4	499.3	
		10-16-63	115.7	515.3				10-16-63	73.5	499.2	
	631.0	10-16-63	115.2	515.9	5102			12-03-63	73.5	500.2	
	631.0	12-03-63	113.3	517.7	4103			1-07-64	72.8	500.9	
		1-07-64	112.4	518.6				2-06-64	73.2	500.5	
		2-06-64	112.2	518.8				3-13-64	76.4	497.3	
	631.1	3-13-64	111.7	519.3				5-12-64	71.6	502.1	
	631.0	4-16-64	110.5	520.6	5102			6-10-64	72.1	501.6	
		5-12-64	111.0	520.0	4103						
		6-13-64	112.3	518.7							
Y-01-85											
035/07W-27G01 S	650.0**	7-06-63	155.1P	494.9	5717	035/07W-28F02 S	573.0	7-17-63	72.7	500.3	5102
		7-20-63	147.3	502.7				8-21-63	73.4	499.6	
		8-03-63	149.4	500.6				10-16-63	73.8	499.2	
		8-17-63	152.4	497.6				11-29-63	73.0	500.0	
		9-07-63	152.9	497.1				12-19-63	72.5	500.5	
		9-14-63	151.5	498.1				1-24-64	71.8	501.2	
		10-05-63	158.3	491.7				2-19-64	72.5	500.5	
		10-19-63	155.4	494.6				3-26-64	70.9	502.1	
		11-02-63	153.1	496.9				4-23-64	70.8	502.2	
		11-16-63	157.5	492.5				5-20-64	71.1	501.9	
		12-07-63	150.3	499.7				6-17-64	71.5	501.5	
		12-14-63	150.8	499.2							
		1-18-64	150.9	499.7							
		2-01-64	151.4	498.6							
		2-15-64	151.9	498.1							
		3-07-64	151.4	498.6							
		4-01-64	150.8	499.2							
		4-18-64	157.8	492.2							
		5-02-64	146.4	503.6							
		5-16-64	146.3	501.7							
		6-06-64	153.1P	496.9							
		6-13-64	153.3P	496.7							
		6-13-64	153.3P	496.7	5872						
Y-01-86											
035/07W-27H01 S	661.5	10-16-63	145.2	516.3	4103	045/07W-03L01 S	969.1	3-11-64	139.2	833.9	4103
		10-16-63	145.4	516.3	5102						
		3-13-64	150.7	510.8	4103						
		4-16-64	140.7	520.6	5102						
Y-01-87											
035/07W-28F01 S	573.7	7-02-63	73.1	500.6	4103	025/06W-36R01 S	733.0	12-02-63	7.5	729.5	5718
		(CONT.)						(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measure

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT ARLINGTON HYDRO SUBAREA Y-01-B0						MIDDLE SANTA ANA RIV HYDR SUBUNIT ARLINGTON HYDRO SUBAREA Y-01-B0					
02S/06W-36R01 S	733+0	4-10-64	7+6	725+4	5718	03S/05W-17R01 S	892+4	10-15-63	72+0	820+4	4103
03S/05W-05B01 S	780+0**	7-03-63	25+5	754+5	4103	03S/05W-19E02 S	844+4	2-13-64	6+4	838+0	5718
		8-02-63	25+5	754+5				4-10-64	6+4	838+0	
		9-05-63	25+5	754+5				2-14-64	5+0	827+7	5718
		10-15-63	25+4	754+6				4-10-64	4+9	827+8	
		12-04-63	25+3	754+7				2-13-64	8+9	825+3	5718
		1-08-64	25+1	754+9				4-10-64	8+6	825+6	
		2-07-64	24+9	755+1				2-14-64	11+5	891+5	5718
		3-13-64	24+7	755+3				4-10-64	12+0	891+0	
		6-10-64	24+3	755+7				4-10-64	16+5	892+4	5718
03S/05W-05R03 S	756+6	7-03-63	16+7	739+9	4103	03S/05W-19P01 S	903+0	2-14-64	17+0	891+9	
		8-02-63	16+7	739+9				4-10-64	DKY	891+9	5718
		9-02-63	16+7	739+9				4-10-64	DKY		
		10-15-63	16+2	740+4				2-14-64	17+4	784+6	4103
		12-04-63	15+2	741+0				8-02-63	17+7	784+3	
		1-08-64	15+2	741+4				9-05-63	17+7	784+3	
		2-07-64	14+9	741+7				10-16-63	19+1	785+3	
		3-10-64	14+7	741+9				12-04-63	16+7	785+3	
		5-13-64	14+4	742+2				1-08-64	19+6	782+4	
		6-10-64	14+4	742+2				2-07-64	17+6	784+4	
03S/05W-07J01 S	788+0	11-29-63	40+7	747+3	5718	03S/06W-03L01 S	802+0	7-03-63	17+4	784+6	4103
		4-10-64	39+5	748+5				8-02-63	17+7	784+3	
03S/05W-08B02 S	803+0	11-29-63	51+7	751+3	5718	03S/05W-19P03 S	910+3	2-14-64	DKY		
		2-07-64	51+0	752+0				4-10-64	17+0	891+9	
		4-10-64	50+7	752+3				2-14-64	17+0	891+9	5718
03S/05W-08E02 S	786+0	11-30-63	39+8	746+2	5718	03S/06W-10G01 S	742+6	12-02-63	10+3	732+3	5718
		4-10-64	38+8	747+2				4-10-64	10+3	732+3	
03S/05W-08G01 S	811+7	2-07-64	57+3	754+4	5718	03S/06W-11M02 S	719+0**	7-03-63	8+8	710+2	4103
		4-10-64	57+3	754+4				8-02-63	9+5	709+5	
03S/05W-09R01 S	859+1	12-02-63	98+8	759+3	5718			10-02-63	9+2	709+8	
		4-10-64	98+4	760+7				12-02-63	8+7	710+3	
03S/05W-17K02 S	878+0	12-04-63	68+6	809+4	5718			1-08-64	8+9	710+1	
		4-10-64	68+3	809+7				2-07-64	8+8	710+2	
								3-10-64	8+5	710+5	
								5-13-64	8+5	710+5	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. Water Surface Elevation In Feet	Agency Supplying Data	State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. Water Surface Elevation In Feet	Agency Supplying Data	Water Table Elevation In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01+00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01+80											
ARLINGTON HYDRO SUBAREA											
03S/06W-11M02 S	719.0**	6-10-64	9.1	709.9	4103	03S/06W-24001 S	811.7	1-08-64	5.6	806.1	4103
03S/06W-13A01 S	756.7	7-03-63	53.7	703.0	4103			2-07-64	5.7	806.0	
		9-03-63	53.0	703.7				3-10-64	7.0	804.7	
		10-16-63	51.8	704.9				5-13-64	5.7	806.0	
		12-08-63	54.4	702.3				5-2	806.5		
		1-08-64	52.9	703.8		RIVERSIDE HYDRO SUBAREA					
		2-07-64	52.0	704.7		01S/04W-28L01 S	941.0	7-18-63	136.8	804.2	5783
		3-10-64	51.7	705.0				8-17-63	138.0	803.0	
		5-13-64	51.3	703.2				10-15-63	138.0	803.0	
		6-10-64	51.1	703.6				11-12-63	135.9	808.1	
03S/06W-13E05 S	716.9	12-03-63	35.7	681.2	5718			11-17-63	135.5	807.2	
		4-18-64	34.3	682.6				12-16-63	138.5	802.5	
03S/06W-13F01 S	731.9	10-28-63	42.3	689.6	5102			2-15-64	139.0	805.0	
		4-16-64	36.7	695.2				3-10-64	129.9	815.1	
03S/06W-13M04 S	718.8	10-28-63	39.3	679.5	5102			4-07-64	129.3	811.7	
		10-15-63	52.8	692.0	4103			5-10-64	130.7	810.3	
03S/06W-13Q01 S	744.8	3-10-64	49.6	695.2				6-09-64	132.7	808.3	
03S/06W-22L01 S	685.6	10-24-63	44.4	641.2	5102			7-18-63	190.0	750.0	5783
		4-16-64	39.5	646.1				8-17-63	207.2	732.8	
03S/06W-22L03 S	685.8	4-13-64	39.0	646.8	5718			9-15-63	208.9	731.1	
03S/06W-24G01 S	804.6**	10-15-63	8.5	796.1	4103			10-12-63	168.0	772.0	
		3-10-64	8.5	796.1				11-17-63	134.7	805.3	
03S/06W-24J01 S	829.0	10-15-63	7.2	821.8	4103			12-16-63	180.7	759.3	
		3-10-64	8.22.0					1-18-64	184.8	755.2	
03S/06W-24P02 S	796.0	12-09-63	36.1	771.9	5718			2-13-64	179.0	781.0	
		2-10-64	53.0	772.1				3-10-64	127.8	812.2	
		4-10-64	23.6	772.4				4-07-64	173.2	766.8	
03S/06W-24Q01 S	811.7	7-03-63	5.6	806.3	4103			5-10-64	179.9	760.2	
		8-02-63	8.0	803.7				6-09-64	183.7	756.3	
		9-05-63	5.5	806.2				7-18-63	141.5	785.5	5783
		10-15-63	5.6	806.1				8-17-63	141.0	766.0	
		(CONT.)						9-15-63	168.0	741.0	
								10-12-63	176.5	720.5	
								11-17-63	112.8	811.8	
								12-16-63	142.2	784.8	
								2-15-64	140.0	787.0	
								(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT RIVERSIDE HYDRO SUBAREA						Y-01.80					
01S/04W-28N05 S	927.0	3-10-64 (CONT.)	142.8P	784.2	5783	01S/04W-29H02 S	934.4	1-03-64	99.3	835.1	5720
		4-07-64	109.7	817.3				1-17-64	103.3	831.1	
		5-10-64	142.5P	784.5				2-07-64	104.2	830.2	
		6-09-64	153.0P	774.0				2-13-64	100.2	834.2	
								3-06-64	106.9	827.5	
01S/04W-29H01 S	929.3	7-04-63	153.9P	775.4	5720			3-13-64	106.2	828.2	
		7-18-63	118.6P	810.7				4-03-64	103.7	830.7	
		8-02-63	153.3P	776.0				4-10-64	102.7	831.7	
		8-15-63	155.3P	774.0				5-01-64	107.1	827.3	
		9-05-63	157.2P	772.1				5-15-64	108.7	825.7	
		9-12-63	160.4P	768.9				6-05-64	105.9	824.5	
		10-04-63	115.3	814.0				6-12-64	115.4	819.0	
		10-17-63	116.9	814.4				6-26-64	117.2	817.2	
		11-07-63	111.3	818.0				7-04-63	142.4P	776.9	5720
		11-14-63	110.9	818.4				7-18-63	145.2P	774.1	
		12-06-63	105.9	823.4				8-02-63	148.9P	770.4	
		12-12-63	104.2	825.1				8-15-63	150.0P	769.3	
		1-03-64	101.6	827.7				9-05-63	150.9P	768.9	
		1-17-64	102.9	826.4				10-02-63	116.0P	769.3	
		2-17-64	98.6	830.9				10-17-63	107.7	811.6	
		3-06-64	135.1P	792.2				11-07-63	105.2	814.1	
		3-13-64	102.4	826.9				11-14-63	131.1P	788.2	
		4-03-64	99.3	830.0				12-06-63	97.3	822.0	
		4-17-64	136.8P	792.5				12-12-63	98.8	820.5	
		5-01-64	103.9	825.4				1-03-64	98.5	820.8	
		5-15-64	139.2P	790.1				1-16-64	99.0	820.3	
		6-05-64	148.8P	780.5				2-07-64	93.3	826.0	
		6-12-64	114.5	814.8				2-14-64	95.2	824.1	
		6-26-64	151.0P	778.3				3-06-64	97.8	821.5	
01S/04W-29H02 S	934.4	7-04-63	116.2	818.2	5720			3-13-64	98.1	821.2	
		7-18-63	118.7	815.7				4-03-64	94.1	825.2	
		8-02-63	119.6	814.8				4-17-64	100.7	818.6	
		8-15-63	120.5	813.9				5-01-64	136.2P	763.1	
		9-05-63	122.0	812.4				5-15-64	104.7	814.6	
		9-12-63	122.1	812.3				6-05-64	143.3P	776.0	
		10-04-63	119.2	815.2				6-12-64	144.0P	775.3	
		10-17-63	118.6	815.8				6-26-64	145.3P	774.0	
		11-07-63	115.4	819.0				7-04-63	158.7P	761.3	5720
		11-14-63	115.1	819.3				7-18-63	161.9P	759.7	
		12-06-63	111.9	822.5				8-02-63	164.0P	758.0	
		12-12-63	109.9	824.5				12-06-63	166.1P	753.9	
		(CONT.)						(CONT.)			

• Questionable measurement

• Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01.00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01.80						MIDDLE SANTA ANA RIV HYDR SUBUNIT Y-01.80					
RIVERSIDE HYDRO SUBAREA											
01S/04W-29R01 S	920.0	(CONT.)	164.5P	755.5	5720	01S/04W-29R01 S	923.3	5-15-64	153.9P	769.4	5720
		9-05-63	168.5P	721.5				6-03-64	186.9P	786.4	
		10-05-63	169.5P	721.5				6-12-64	122.7	800.6	
		10-17-63	111.5	468.7				6-26-64	169.7P	753.6	
		11-07-63	105.9	814.1		01S/04W-30K06 S	905.0**	7-06-63	59.9	845.1	5713
		11-14-63	106.4	813.6				9- - - - -63	61.2	842.9	
		12-06-63	100.5	819.5				12-01-63	58.6	846.8	
		12-12-63	100.5	819.5				1-11-64	58.6	846.8	
		1-03-64	99.7	820.3				2-07-64	58.7	846.1	
		1-15-64	100.8	819.2				3-14-64	58.0	847.0	
		2-07-64	95.5	824.5				4-04-64	57.7	847.3	
		2-14-64	97.1	822.9				5-09-64	57.8	847.2	
		3-06-64	100.1	819.9		01S/04W-30L01 S	904.0	6-06-64	58.3	846.7	
		3-13-64	100.4	819.6				9-30-63	47.6	856.4	5100
		4-17-64	97.9	822.1				10-30-63	48.8	855.2	
		5-01-64	132.8*	787.2				12-02-63	45.5	858.5	
		5-15-64	142.3P	777.7				1-31-64	45.6	858.4	
		6-05-64	153.3P	782.1				3-06-64	46.1	857.9	
		6-12-64	151.6P	768.4				4-06-64	46.2	857.8	
		6-26-64	157.4P	762.6				5-07-64	44.1	859.9	
								5-29-64	47.7	856.3	
01S/04W-29R01 S	923.3	7-04-63	172.8P	750.5	5720	01S/04W-32E10 S	906.0**	7-06-63	74.6	811.4	5713
		7-18-63	178.3P	745.0				7-19-63	95.7	810.3	
		8-02-63	178.8P	744.5				8-03-63	97.1	808.9	
		8-15-63	179.3P	744.0				8-29-63	100.9	805.1	
		9-05-63	150.9	792.4				9-07-63	99.2	806.8	
		9-12-63	185.0P	738.3				10-03-63	97.1	808.4	
		10-03-63	124.7	800.8				11-02-63	95.7	810.3	
		10-17-63	118.7	804.6				12-13-63	92.4	813.6	
		11-14-63	112.5	810.8				2-01-64	87.4	813.9	
		12-06-63	107.0	816.3				3-14-64	88.2	817.8	
		12-12-63	107.3	816.0				4-04-64	86.9	819.1	
		1-03-64	106.3	817.0				5-09-64	89.2	816.8	
		1-16-64	107.0	816.3				6-06-64	93.5	812.5	
		2-07-64	101.9	821.4		01S/04W-32E12 S	903.0**	7-10-63	79.7	823.3	5713
		2-14-64	102.1	821.2				8-03-63	81.2	821.8	
		3-06-64	106.1	817.0				8-29-63	83.7	819.3	
		3-13-64	106.3	817.0				9-07-63	83.6	819.4	
		4-03-64	103.9	819.4				10-05-63	81.5	821.5	
		4-17-64	146.4*	776.9				(CONT.)			
		5-01-64	115.7	807.6							
		(CONT.)									

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S.Elev. in Feet	Date	Dist. G.S. Water Surface In Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G.S.Elev. in Feet	Date	Dist. G.S. Water Surface In Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT											
RIVERSIDE HYDRO SUBAREA											
Y-01•B7											
01S/04W-32E12 S	903•0**	7-19-63	79•9	823•1	5713	01S/05W-23N01 S	1037•6	3-04-64	227•0P	810•6	4124
		11-02-63	77•1	825•9				4-07-64	213•3	823•3	
		12-13-63	75•2	827•8				6-02-64	239•5P	808•1	
		1-11-64	73•8	829•2							
		2-07-64	73•9	829•1							
		3-14-64	73•9	829•1							
		4-04-64	73•8	829•2							
		5-09-64	74•1	828•1							
		6-06-64	77•9	825•1							
01S/04W-32G04 S	914•0**	7-19-63	115•8*	798•2	5713	01S/05W-24O01 S	1057•0**	7-19-63	197•2	859•8	5713
		8-29-63	126•5*	787•5		01S/05W-25B02 S	1000•0	9-23-63	180•0	820•0	5100
		10-04-63	121•2*	792•8				11-29-63	168•1	835•9	
		12-13-63	101•7*	812•3		01S/05W-25L03 S	978•0**	4-06-64	163•1	836•9	
								7-19-63	112•6	865•4	5713
								9-13-63	114•1	865•9	
								12-13-63	112•5	865•5	
01S/04W-32M01 S	935•0	7-18-63	135•2P	799•8	5783	01S/05W-35D01 S	967•0	11-29-63	150•5	816•5	5100
		8-17-63	139•0P	796•0				1-07-64	160•0	807•0	
		9-15-63	150•5P	784•5				1-31-64	163•8*	803•2	
		10-12-63	118•8	816•2				4-06-64	149•2	817•8	
		11-17-63	113•3	821•7				5-07-64	149•5	817•5	
		12-16-63	111•3	823•7							
		1-18-64	137•5P	797•5							
		2-15-64	110•3	824•7							
		3-10-64	110•6	824•4							
		4-07-64	106•4	828•6							
		5-10-64	107•8	827•2							
		6-09-64	110•7	824•3							
01S/04W-33B05 S	940•0	8-17-63	132•0	808•0	5783	01S/05W-36A01 S	870•0**	7-19-63	43•2	826•8	5713
		3-10-64	132•9	807•1				11-21-63	70•3	816•7	
		4-07-64	125•0	813•0				4-06-64	69•7	817•3	
		5-1-64	125•9	814•2							
		6-09-64	126•7	813•5							
		10-09-63	118•8	956•2	5713	01S/05W-36L01 S	860•0**	7-24-63	47•5	812•5	5204
		12-14-63	118•4	956•6				10-03-63	48•5	811•5	
								12-02-63	45•0	815•0	
								3-12-64	46•5	813•5	
								4-08-64	45•5	814•5	
01S/05W-23N01 S	1037•6	7-10-63	223•2P	814•4	4124	02S/04W-05C01 S	976•0	7-14-63	204•0P	772•0	3847
		8-01-63	228•3P	809•3				8-12-63	207•6P	768•4	
		9-03-63	216•4	821•2				9-11-63	170•6	805•4	
		10-01-63	214•2	823•4				10-16-63	205•8P	770•2	
		12-01-63	215•0	822•6				11-06-63	204•4P	771•6	
		1-02-64	230•0P	807•6				(CONT.)			
		2-04-64	228•0P	809•6							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA		SANTA ANA RIVER HYDRO UNIT		MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA		SANTA ANA RIVER HYDRO UNIT					
State Well Number	G.S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G.S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
Y-01+80											
02S/04W-05C01 S	976.0	(CONT.)	11-16-63	168.6	807.4	02S/04W-07L01 S	883.1	1-16-64	87.6	795.5	5720
			12-06-63	168.2	807.9			2-07-64	98.9P	788.9	
			12-15-63	168.8	811.7			2-14-64	84.9	798.2	
			2-08-64	162.9	811.2			3-06-64	86.1	797.0	
			2-14-64	197.6P	778.4			3-13-64	85.8	797.3	
			3-09-64	164.5	811.5			4-03-64	89.0	786.1	
			4-06-64	162.6	813.4			5-01-64	86.9	795.3	
			4-14-64	163.3	812.7			5-01-64	86.3	797.8	
			5-07-64	164.5	811.5			5-15-64	82.3	796.8	
			5-13-64	162.6	813.4			6-05-64	86.3	796.8	
								6-12-64	90.0	793.1	
								6-26-64	97.2	785.9	
Y-01+80											
02S/04W-05N01 S	946.0	7-18-63	155.3P	790.7	578.3	02S/04W-07N01 S	874.3	7-05-63	107.6P	766.7	5720
		8-17-63	146.9P	799.1				7-12-63	107.7P	766.6	
		9-15-63	159.0P	787.0				8-02-63	88.0	786.3	
		10-12-63	157.8P	788.2				8-16-63	89.8P	784.5	
		11-17-63	146.0P	800.0				9-06-63	89.4	784.9	
		12-16-63	137.5	808.5				9-13-63	102.1P	772.2	
		1-18-64	151.5P	794.5				10-03-63	90.1	784.2	
		2-15-64	149.7P	796.3				10-17-63	88.3	786.0	
		3-10-64	141.9P	804.1				11-07-63	87.9	786.4	
		4-07-64	135.6	810.4				11-14-63	87.6	786.7	
		5-10-64	140.0P	806.0				12-05-63	97.1	777.2	
		6-09-64	131.8P	814.2				12-12-63	88.7	785.6	
Y-01+80											
02S/04W-06A03 S	950.2	12-07-63	143.0	807.2	5717			1-03-64	87.0	787.3	
		12-14-63	146.0	804.2				1-16-64	86.1	788.2	
		1-11-64	147.0	803.2				2-07-64	85.8	789.5	
		4-01-64	136.0	814.2				2-14-64	84.9	789.4	
Y-01+80											
02S/04W-07L01 S	883.1	7-05-63	81.4	801.7	5720			3-06-64	84.5	789.8	
		7-12-63	98.8*	784.3				3-13-64	84.3	790.0	
		8-02-63	90.0	793.1				4-02-64	83.9	789.5	
		8-16-63	91.0	792.1				4-02-64	86.9	790.3	
		9-06-63	90.9	792.2				5-01-64	86.0	790.3	
		9-13-63	91.0	792.1				5-15-64	86.1	788.2	
		10-03-63	97.8*	785.3				6-05-64	87.0	787.3	
		10-17-63	89.6	793.5				6-12-64	87.9	786.4	
		11-07-63	90.0	793.1				6-26-64	89.6	784.7	
		11-14-63	89.3	793.8				10-15-63	159.2	805.0	4103
		12-05-63	88.1	795.0				3-10-64	153.4	810.8	
		12-12-63	88.1	795.0				8-14-63	158.5*	801.5	5204
		1-03-64	91.8	791.3				8-29-63	168.0*	792.0	
		(CONT.)						(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA						Y-01+00					
025/04W-08D04 S	960.0**	(CONT.)	137.0	823.0	5204	025/04W-08M02 S	980.0**	7-18-63	172.3	807.7	5783
		9-12-63	157.5*	820.5				8-17-63	174.5	805.5	
		10-09-63	136.0	824.0				9-15-63	175.9	804.1	
		10-29-63	137.0	823.0				10-12-63	174.8	804.2	
		11-13-63	117.5	842.5				11-17-63	175.2	804.8	
		12-02-63	145.5*	814.5				12-16-63	173.0	807.0	
		12-30-63	143.0*	817.0				1-18-64	175.3P	804.7	
		1-22-64	157.0*	803.0				2-15-64	172.1	807.9	
		5-13-64	152.0*	809.0				3-10-64	172.9	807.1	
		6-06-64	155.0*	806.0				4-01-64	170.9	809.1	
		5-11-64	153.0*	807.0				5-10-64	170.9	809.1	
		6-03-64	154.0	806.0				6-03-64	172.3	807.7	
025/04W-08E01 S	987.0**	7-17-63	183.5P	803.5	5204	025/04W-18E01 S	904.7	10-15-63	107.0	797.7	4103
		8-19-63	184.0*	803.0				3-10-64	102.5	802.2	
		8-29-63	182.0*	805.0				2-11-64	187.0	807.0	5718
		9-12-63	185.0P	802.0				4-08-64	185.6	808.4	
		9-27-63	181.5P	805.5				7-03-63	254.5P	765.5	5204
		10-09-63	182.0P	805.0				7-17-63	254.5P	765.5	
		10-29-63	183.0P	804.0				7-30-63	221.0	799.0	
		11-13-63	185.0P	802.0				8-14-63	267.0P	753.0	
		12-02-63	169.0P	818.0				8-29-63	214.5	805.5	
		12-30-63	171.0P	816.0				9-12-63	216.5	803.5	
		1-22-64	162.0P	805.0				10-09-63	257.0P	763.0	
		2-19-64	179.0P	808.0				11-13-63	163.5	856.5	
		3-12-64	181.0P	806.0				12-02-63	253.5P	766.5	
		4-08-64	177.0P	810.0				1-22-64	217.0	803.0	
		5-11-64	182.0P	805.0				2-19-64	215.5	806.5	
		6-03-64	177.0P	810.0				3-12-64	213.5	804.5	
025/04W-08M01 S	1000.0**	7-18-63	197.3P	802.7	5783	025/04W-19J01 S	1020.0**	7-03-63	254.5P	765.5	5204
		8-17-63	196.8P	801.2				7-17-63	254.5P	765.5	
		10-12-63	190.8P	808.2				7-30-63	221.0	799.0	
		11-17-63	198.9P	801.1				8-14-63	267.0P	753.0	
		12-16-63	188.0	812.0				8-29-63	214.5	805.5	
		1-18-64	197.0P	803.0				9-12-63	216.5	803.5	
		2-15-64	197.5P	802.5				10-09-63	257.0P	763.0	
		3-10-64	189.9	810.1				11-13-63	163.5	856.5	
		4-07-64	187.8	812.2				12-02-63	253.5P	766.5	
		5-10-64	187.5	812.5				1-22-64	217.0	803.0	
		6-09-64	189.0	811.0				2-19-64	215.5	806.5	
								3-12-64	213.5	804.5	
								4-08-64	212.5	807.5	
								5-11-64	205.5P	774.5	
								6-03-64	211.5	808.5	
								10-15-63	190.9	805.2	4103
								3-10-64	189.3	806.8	
								7-01-63	185.2	818.8	4103
								8-01-63	185.7	818.3	
								9-03-63	184.9	819.1	
								10-15-63	188.2	815.8	
								12-03-63	188.3	815.7	
								1-07-64	184.3	819.7	
								(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Stem Well Number	G. S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Symbolic Dates	Stem Well Number	G. S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Symbolic Dates
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV HYDR SUBUNIT						MIDDLE SANTA ANA RIV HYDR SUBUNIT					
RIVERSIDE HYDRO SUBAREA						RIVERSIDE HYDRO SUBAREA					
Y-01.80						Y-01.80					
02S/04W-30B01 S	1004.0**		183.9	820.1	4103	02S/05W-01001 S	841.0**		50.2P	790.8	Y-01.87
			2-05-84	818.6					50.4P	791.0	
			3-10-84	818.4					41.9	790.1	
			5-12-84						40.8P	790.9	
02S/04W-33R01 S	1500.0		53.1	1446.9	4103				40.8P	800.2	
			10-24-63	1447.2					39.7	801.3	
			3-18-84						49.4P	791.6	
02S/05W-01G01 S	854.6		35.0	819.6	5204				48.9P	792.1	
			7-24-63	819.6					39.3	801.7	
			10-03-63	819.6					37.9	803.1	
			12-02-63	819.6					37.6	803.4	
			3-12-64	819.6					37.2	803.8	
			4-08-64	822.6					37.9	803.1	
02S/05W-01G02 S	844.0**		43.5	800.5	5204				37.9	803.1	
			7-24-63	800.5					37.4	803.6	
			10-03-63	798.5					37.4	803.6	
			12-02-63	801.0					38.1P	794.7	
			3-12-64	802.0					37.7	803.3	
			4-08-64	802.5					37.7	803.3	
02S/05W-01J01 S	842.8		42.2	800.6	5713				48.7P	792.3	
			7-06-63	799.6					129.5	806.7	5718
			8-03-63	798.7					126.7	809.5	
			9-07-63	798.3							
			10-05-63	798.3							
			11-02-63	798.3							
			12-04-63	799.5							
			1-11-84	799.4							
			2-07-84	800.7							
			3-14-84	800.7							
			5-09-84	801.6							
			5-09-84	801.6							
			6-08-84	800.2							
02S/05W-01J03 S	845.0**		40.0P	805.0	5204						
			7-24-63	804.0							
			10-03-63	806.0							
			12-02-63	807.0							
			3-12-64	808.5							
			4-18-64								
02S/05W-01O01 S	841.0**		48.1P	792.9	5720						
			7-05-63	804.1							
			7-11-63	801.3							
			8-01-63	801.3							
			8-15-63	800.4							
			9-05-63	799.8							
			(CONT.)								

• Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT RIVERSIDE HYDRO SUBAREA					SANTA ANA RIVER HYDRO UNIT						
State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
Y-01-80					Y-01-80						
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT RIVERSIDE HYDRO SUBAREA					SANTA ANA RIVER HYDRO UNIT						
Y-01-80					Y-01-80						
02S/05W-02F02 S	897.8	11-30-63 12-14-63 4-04-64	103.4 107.2 97.0	794.4 797.6 800.8	5718	02S/05W-02M02 S	911.1	4-04-64	108.6	802.5	5718
02S/05W-02L01 S	896.2	7-06-63 8-03-63 9-07-63 10-05-63 12-14-63 1-11-64 2-07-64 3-14-64	102.8 104.6 104.0 102.7 102.8 102.8 103.2 103.2	793.4 791.6 792.2 793.5 793.4 793.4 793.0	5713	02S/05W-02M03 S	921.5	11-30-63 12-14-63 4-04-64	114.4 115.8 114.6	807.1 805.7 805.9	5718
02S/05W-02L02 S	909.0**	2-07-64 3-14-64 4-04-64 5-09-64 6-06-64	112.2 114.5 111.4 111.7 112.1	796.8 796.5 797.6 797.3 796.9	5713	02S/05W-02M04 S	888.1	11-30-63 12-14-63 4-04-64	79.0 80.7 80.1	809.1 807.4 808.0	5718
02S/05W-02L03 S	902.0	9-07-63 10-05-63 1-11-64 3-14-64 5-09-64 6-06-64	121.1 118.7* 113.3 112.6 115.6 106.5	780.9 783.3 786.7 785.4 796.6 793.5	5713	02S/05W-02M05 S	894.1	11-30-63 12-14-63 4-14-64	95.3 95.8 93.0	798.8 798.3 801.1	5718
02S/05W-02L04 S	904.6	11-30-63 12-14-63 4-04-64	121.5 118.8 115.3	783.1 785.8 789.3	5718	02S/05W-02M06 S	926.7	11-30-63 12-14-63 4-04-64	129.1 129.1 129.3	797.6 797.6 797.4	5718
02S/05W-02L05 S	894.4	11-30-63 12-14-63 4-04-64	110.8 107.3 103.5	783.6 787.1 790.9	5718	02S/05W-02M07 S	891.8	11-30-63 12-14-63 4-04-64	82.9 85.0 84.3	808.9 808.8 807.5	5718
02S/05W-02L06 S	900.0**	11-30-63 12-14-63 4-04-64	101.2 98.3 94.9	798.8 801.7 805.1	5718	02S/05W-02R01 S	823.0	7-06-63 7-13-63 8-03-63 8-17-63 9-15-63 9-26-63 10-06-63 10-13-63 11-03-63 11-17-63 12-07-63 12-15-63	43.5P 43.7P 45.0P 46.9P 47.9P 32.7 46.7P 46.7P 47.6P 44.8 45.6P 45.6P	5720	
02S/05W-02M01 S	905.8	11-30-63 12-14-63 4-04-64	90.4 81.6 93.3	815.4 811.6 812.5	5718	02S/05W-02M08 S	900.2	11-30-63 12-14-63 4-04-64	92.4 101.3 98.0	807.8 799.9 802.2	5718
02S/05W-02M02 S	911.1	11-30-63 12-14-63 (CONT.)	108.6 109.8 (CONT.)	802.5 801.3	5718						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT RIVERSIDE HYDRO SUBAREA						Y-01.80					
02S/05W-02R01 S	823.0	(CONT.) 4-05-64 4-13-64 5-03-64 5-17-64 6-05-64 6-12-64 6-28-64	28.8 29.6 29.9 44.5 44.0 45.9 45.1	794.2 793.4 793.1 778.5 779.0 778.0 777.9	5720	02S/05W-02R03 S	826.6	1-05-64 2-02-64 2-16-64 3-01-64 3-16-64 4-05-64 4-13-64 5-03-64 5-17-64 6-05-64 6-12-64 6-28-64	30.0 40.9 40.8 40.3 40.6 27.2 27.9 28.4 28.6 40.3 41.3 41.4	796.6 785.7 785.8 786.3 786.6 786.0 799.4 798.7 798.2 786.3 785.3 785.2	5720
02S/05W-02R02 S	823.0**	7-06-63 7-13-63 8-03-63 8-18-63 9-15-63 10-05-63 11-03-63 11-17-63 12-07-63 12-15-63 1-12-64 2-12-64 3-01-64 3-14-64 4-05-64 4-13-64 5-03-64 5-17-64 6-05-64 6-12-64 6-28-64	41.6 41.6 42.9 43.4 44.8 42.9 44.4 36.3 37.6 31.3 36.6 35.8 35.3 35.6 29.4 28.9 28.9 28.5 29.4 29.4 34.6 41.5 44.9 45.1	781.2 781.2 780.1 779.6 778.2 780.1 778.6 788.7 785.4 785.4 791.7 786.4 786.4 787.2 787.7 787.6 794.5 793.6 794.1 788.9 781.5 778.1 777.9	5720	02S/05W-03H03 S	957.5	11-30-63 12-14-63 4-04-64	89.0 90.2 81.4	815.4 808.6	5718
02S/05W-02R03 S	826.6	7-06-63 7-14-63 8-03-63 8-18-63 9-15-63 10-06-63 10-13-63 11-03-63 11-17-63 12-07-63 12-15-63 (CONT.)	42.7 42.9 42.5 42.6 43.7 43.0 46.5 32.4 32.4 41.7 41.8	783.9 783.7 784.0 784.0 782.9 783.6 780.1 782.9 784.2 784.9 784.8	5720	02S/05W-05R02 S	939.8	2-28-64 4-09-64	210.4 210.6	729.4 729.2	5718
02S/05W-02R04 S	826.6	7-06-63 7-14-63 8-03-63 8-18-63 9-15-63 10-06-63 10-13-63 11-03-63 11-17-63 12-07-63 12-15-63 (CONT.)	42.7 42.9 42.5 42.6 43.7 43.0 46.5 32.4 32.4 41.7 41.8	783.9 783.7 784.0 784.0 782.9 783.6 780.1 782.9 784.2 784.9 784.8	5720	02S/05W-08K02 S	870.0**	12-04-63	168.4	701.6	5718
02S/05W-02R05 S	826.6	7-06-63 7-14-63 8-03-63 8-18-63 9-15-63 10-06-63 10-13-63 11-03-63 11-17-63 12-07-63 12-15-63 (CONT.)	42.7 42.9 42.5 42.6 43.7 43.0 46.5 32.4 32.4 41.7 41.8	783.9 783.7 784.0 784.0 782.9 783.6 780.1 782.9 784.2 784.9 784.8	5720	02S/05W-10G01 S	849.8	7-06-63 9-07-63 9-23-63 10-05-63 11-02-63 11-21-63 12-14-63 1-11-64 4-04-64 4-06-64 5-09-64 6-06-64	62.1 62.0 61.7 63.7 63.8 63.1 62.8 63.5 58.3 66.9 61.0	787.7 787.8 788.1 788.0 786.7 787.2 787.0 791.5 782.9 788.9 788.6	5713 5100 5713 5100 5713 5100 5713 5100 5100 5100 5713

* Questionable measurement ** Approximate ground surface elevation P Pumping measurement A Air gauge measurement

TABLE G-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S.Elev. in Feet	Date	Dist. G.S. Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
-ANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA											
Y-01-B0											
02S/05W-10G07 S	842.0	4-09-64	59.3	782.7	5718	02S/05W-12A01 S	836.8	7-30-63	75.4P	761.4	5204
02S/05W-10L05 S	867.7	2-21-64	95.7	772.0	5718			8-14-63	75.4P	761.4	
		4-09-64	87.2	760.5				8-29-63	43.4	793.4	
Y-01-B7											
02S/05W-11A01 S	824.8	7-06-63	45.5P	779.3	5720			9-12-63	74.9P	761.9	
		7-03-63	47.0P	779.2				10-29-63	31.9	795.9	
		8-03-63	47.6P	777.4				10-29-63	31.9	795.9	
		8-18-63	47.6P	777.2				11-13-63	41.4	798.4	
		9-15-63	48.2P	776.6				12-02-63	38.4	798.4	
		10-05-63	46.3P	778.5				1-22-64	36.4	800.4	
		10-13-63	47.3P	777.5				2-19-64	43.4	793.4	
		11-03-63	47.7P	777.1				3-12-64	36.9	799.9	
		11-17-63	31.9	792.9				4-08-64	37.4	799.4	
		12-15-63	45.7P	779.1				5-11-64	73.4P	763.4	
		1-05-64	29.8	795.0				6-03-64	41.4	795.4	
		1-12-64	44.3P	780.5							
		2-02-64	44.6P	780.2				7-03-63	67.2P	766.6	5204
		2-16-64	43.8P	781.0				7-17-63	59.2P	774.6	
		3-01-64	44.0P	780.8				7-30-63	59.7P	774.1	
		3-16-64	43.7P	781.1				8-14-63	60.7P	773.1	
		4-05-64	27.0	797.8				8-29-63	39.2	794.6	
		4-13-64	28.1	796.7				9-12-63	61.7P	772.1	
		5-03-64	28.2	796.6				10-09-63	36.2	797.6	
		5-17-64	44.0P	780.8				11-13-63	36.2	797.6	
		6-05-64	44.4P	780.4				12-02-63	33.7	800.1	
		6-12-64	44.9P	779.9				12-30-63	33.2	800.6	
		6-28-64	45.2P	779.6				1-12-64	36.2	795.6	
		7-06-63	82.3	793.2	5713			1-12-64	37.7	802.1	
		8-03-63	86.0	791.5				3-12-64	38.2	795.4	
		9-07-63	85.6	789.9				4-05-64	32.2	801.6	
		10-05-63	83.8	791.7				5-11-64	59.2P	774.6	
		11-02-63	86.7	790.8				6-03-64	36.2	797.6	
		12-16-63	83.3	792.2							
		1-11-64	81.1	794.4				7-01-63	52.4	793.0	4103
		2-07-64	85.7	789.8				7-06-63	52.6	792.8	5713
		3-14-64	81.3	794.2				8-01-63	54.2	791.2	4103
		4-04-64	79.9	795.6				8-03-63	54.5	790.9	5713
		5-09-64	81.0	794.5				9-03-63	55.9	789.5	4103
		6-06-64	81.9	793.6				9-07-63	55.6	789.8	5713
		7-03-63	72.4P	764.4	5204			10-05-63	56.1	789.3	
		7-17-63	75.4P	761.4				10-15-63	55.8	789.6	4103
								11-02-63	54.9	790.5	5713
								11-27-63	54.0	791.4	4103
								12-14-63	53.3	792.1	5713

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA											
Y-01+80											
02S/05W-12J01 S	845.64**	(CONT.)	53+3	792.1	4103	02S/05W-12P01 S	823.2**	2-19-64	132.7P	690.5	520*
		1-07-64	52+9	792.5				3-12-64	30.7	792.5	
		1-11-64	52+0	793.4	4103			4-18-64	33.7	789.5	
		2-09-64	52+0	793.4	4103			5-11-64	63.7P	759.5	
		3-07-64	51+5	793.9	4103			6-03-64	127.7P	695.5	
		3-14-64	51+5	793.9	4103						
		4-06-64	51+0	793.2	5713			7-04-63	127.2P	752.8	5720
		5-09-64	51+0	793.8				7-19-63	129.2P	750.8	
		5-12-64	52.1	793.3	4103			8-02-63	131.0P	744.0	
		6-05-64	53.5	791.9	5713			9-13-63	132.8P	747.0	
		6-09-64	52.8	792.6	4103			9-12-63	137.3P	742.7	
								10-03-63	138.8P	744.9	
								10-03-63	108.8	772.2	
02S/05W-12K02 S	836.2	7-03-63	64+0P	772.2	5204			10-17-63	107.6	772.2	
		7-17-63	92+0*	746.2				11-07-63	106.7	773.3	
		7-30-63	90+0*	746.2				11-14-63	106.8	773.2	
		8-14-63	99.5*	736.7				12-05-63	105.1	774.9	
		8-29-63	71.5P	764.7				12-12-63	104.9	775.1	
		9-12-63	107.5P	728.7				1-03-64	103.8	776.2	
		10-09-63	40.0	796.2				1-16-64	103.5	776.5	
		10-29-63	37.5	798.7				2-07-64	102.7	777.3	
		11-13-63	42.5	793.7				2-13-64	102.4	777.6	
		12-02-63	38.0	798.2				3-06-64	101.8	778.2	
		12-30-63	36.0	800.2				3-13-64	101.8	778.2	
		1-22-64	36.0	800.2				4-03-64	101.2	778.8	
		2-19-64	90.0*	746.2				4-17-64	101.1	778.9	
		3-12-64	36.0	800.2				5-01-64	100.8	779.2	
		4-09-64	34.5	801.7				5-14-64	102.8	777.2	
		5-11-64	108.0P	728.2				6-05-64	101.3	778.7	
		6-03-64	80+0P	756.2				6-12-64	125.6*	756.4	
02S/05W-12P01 S	823.2**	7-03-63	35.7	787.5	5204	02S/05W-14D01 S	802.0	7-02-63	19.9	782.1	4103
		7-07-63	35.7	787.5				8-01-63	20.7	781.3	
		7-10-63	32.2P	698.0				8-03-63	51.4	780.6	
		8-14-63	138.7P	698.0				11-17-63	51.0	781.0	
		8-29-63	40.2	783.0				11-17-63	20.8	781.5	
		9-12-63	138.7P	694.5				2-05-64	21.2	780.8	
		9-27-63	43.7	779.5				3-10-64	20.1	783.9	
		10-09-63	40.2	783.0				4-15-64	19.4	782.6	
		10-29-63	36.7	786.5				5-12-64	19.4	782.6	
		11-13-63	128.7P	694.5				6-09-64	19.6	782.4	
		12-02-63	34.7	788.5							
		12-30-63	33.7	789.5							
		1-22-64	31.7	791.5							

* Questionable measurement

P Pumping measurement

A Air gauge measurement

(CONT.)

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

Store Well Number	G. S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
Y-01•B7											
MIDDLE SANTA ANA RIV HYDR SUBUNIT											
RIVERSIDE HYDRO SUBAREA											
02S/05W-14G01 S	790•0**	10-15-63	18•6	771•4	4103	02S/05W-22R02 S	795•0	4-10-64	32•9	762•1	5718
		11-27-63	18•3	771•7						766•7	4103
		3-10-64	18•2	771•8						761•0	
02S/05W-16E06 S	790•8	12-04-63	40•1	750•7	5718	02S/05W-23F01 S	843•8	7-01-63	77•1	766•7	
		4-13-64	39•8	751•0				8-01-63	79•0	761•0	
02S/05W-16G04 S	774•1	12-04-63	15•4	758•7	5718			10-15-63	83•0	760•8	
		2-21-64	14•9	759•2				12-03-63	81•2	762•6	
		4-09-64	15•9	758•2				1-07-64	79•7	764•1	
02S/05W-16H01 S	769•7	7-06-63	DRY					2-05-64	78•8	765•0	
		9-07-63	DRY					3-10-64	78•9	764•9	
		11-02-63	DRY					5-12-64	77•4	766•4	
								6-09-64	77•3	766•5	
Y-01•B0											
02S/05W-17A01 S	820•0**	7-01-63	66•6	753•4	4103	02S/05W-23J01 S	869•4	7-03-63	113•0P	756•4	5204
		8-01-63	67•2	752•8				7-17-63	104•0	765•4	
		9-03-63	67•9	752•1				7-30-63	105•5	763•9	
		10-24-63	67•9	752•1				8-14-63	117•0P	752•4	
		12-03-63	67•2	752•8				8-29-63	109•5	759•9	
		1-07-64	67•0	753•0				9-12-63	110•0	759•4	
		2-05-64	66•4	753•6				9-27-63	107•0	762•4	
		3-18-64	66•7	753•3				10-29-63	107•5	761•9	
		5-12-64	67•2	752•8				12-02-63	105•0	764•4	
		6-09-64	67•5	752•5				1-1-20-63	109•0	766•4	
								2-16-64	109•0	766•4	
								3-12-64	101•9	767•9	
02S/05W-20A01 S	771•7	9-23-63	26•0	745•7	5100			4-08-64	101•0	768•2	
		11-29-63	27•4	744•3				5-11-64	114•5P	754•9	
		4-06-64	28•1P	743•6				6-03-64	101•0	768•4	
02S/05W-20A02 S	752•0**	7-02-63	9•4	742•6	4103	02S/05W-23Q01 S	854•9	7-04-63	108•2P	746•7	5720
		8-01-63	8•5	743•5				7-19-63	109•0P	745•9	
		9-03-63	8•7	743•3				8-02-63	111•3P	743•6	
		10-24-63	8•3	743•7				8-15-63	111•5P	743•6	
		12-03-63	9•6	742•4				9-05-63	95•7	759•2	
		1-01-64	8•2	743•8				9-12-63	95•3	759•6	
		2-03-64	8•1	743•9				10-03-63	95•0	759•9	
		3-15-64	9•4	742•6				10-24-63	95•2	759•7	
		5-05-64	9•7	744•0				11-07-63	92•1	762•8	
		6-09-64	7•7	744•5				11-14-63	92•9	762•0	
02S/05W-20K01 S	758•9	10-24-63	32•1P	726•8	4103			12-02-63	92•0	762•9	
02S/05W-22R02 S	795•0	12-06-63	36•2	758•8	5718			1-03-64	90•3	764•6	
		(CONT.)						1-16-64	90•1	764•8	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
MIDDLE SANTA ANA RIV. HYDR. SUBUNIT RIVERSIDE HYDRO SUBAREA											
Y-01.80											
02S/05W-23001 S	854.9	(CONT.) 2-07-64 2-14-64 3-05-64 3-13-64 4-03-64 4-17-64 5-01-64 5-15-64 6-05-64 6-12-64 6-26-64	89.4 89.2 89.5 89.3 88.0 88.2 89.0 89.2 106.9*	765.5 765.7 765.4 765.6 766.9 766.7 765.9 765.7 766.9 766.5 765.6	5720	02S/05W-24001 S	873.7	9-12-63 10-03-63 10-17-63 11-07-63 11-14-63 12-05-63 12-12-63 1-03-64 1-16-64 2-07-64 2-14-64 3-06-64 3-13-64 4-03-64 4-17-64 5-01-64 5-14-64 6-05-64 6-12-64 6-26-64	111.7 125.9P 110.8 104.6 108.2 106.8 106.5 105.2 104.7 104.1 103.9 103.4 103.3 102.7 102.5 102.5 102.6 101.9 103.0 104.5	762.0 767.9 762.9 765.1 766.5 766.9 767.2 768.5 769.0 769.6 769.8 770.3 770.4 771.0 771.2 771.2 771.8 770.7 769.2	5720
Y-01.87											
02S/05W-23001 S	864.2	7-05-63 7-18-63 8-01-63 8-15-63 9-05-63 9-12-63 10-05-63 11-07-63 11-14-63 12-02-63 12-13-63 1-03-64 1-17-64 2-07-64 2-14-64 3-06-64 3-13-64 4-03-64 4-17-64 5-01-64 5-14-64 6-05-64 6-12-64 6-26-64	107.2 110.1 126.8P 114.0 113.4 114.8 114.6 114.1 112.3 112.3 111.2 110.8 106.2 108.1 108.5 106.3 108.4 108.2 107.5 107.3 108.1 107.8 108.6 107.7 107.5	757.0 758.1 737.4 750.2 750.8 749.4 749.6 750.1 751.9 753.0 753.4 758.0 758.0 756.1 755.7 757.9 755.8 756.0 756.7 756.9 756.1 756.4 755.6 756.7	5720	02S/05W-25A01 S	948.4	10-15-63 3-10-64	177.5 172.5	770.9 775.9	4103
Y-01.80											
02S/05W-24001 S	873.7	7-05-63 7-18-63 8-01-63 8-15-63 9-05-63 9-12-63 10-05-63 11-07-63 11-14-63 12-02-63 12-13-63 1-03-64 1-17-64 2-07-64 2-14-64 3-06-64 3-13-64 4-03-64 4-17-64 5-01-64 5-14-64 6-05-64 6-12-64 6-26-64	103.6 104.9 106.8	770.1 768.8 766.9 765.1 729.1	5720	02S/05W-26F01 S	810.0	7-14-63 8-14-63 9-30-63 10-07-63 10-30-63 11-16-63	52.3 67.5P 54.6 54.0 55.8 53.2	757.7 742.5 755.4 756.0 755.8 756.8	3847

A. Air gauge measurement

P. Pumping measurement

* Approximate ground surface elevation

• Questionable measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S.Elev., In Feet	Date	Dist., G.S. To Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data	State Well Number	G.S.Elev., In Feet	Date	Dist., G.S. To Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01*00											
MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA Y-01*80						MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA Y-01*80					
Y-01*87											
02S/05M-28F01 S	810.0	(CONT*) 12-15-63 1-09-64 1-24-64 2-19-64 2-16-64 4-15-64 5-19-64	50.1 51.7 51.0 50.8 49.5 48.1 49.0	759.9 758.3 759.0 759.2 760.5 761.9 761.0	3847	02S/05M-32K01 S	777.5	3-10-64 5-13-64 6-10-64	41.2 40.6 40.6	736.3 736.9 736.9	4103
02S/05M-28A01 S	750.0**	7-24-63 10-03-63 12-04-63 3-12-64 4-08-64	21.0 21.5 21.0 20.0 20.0	729.0 728.5 729.0 730.0 730.0	5204	02S/05M-36A01 S	915.0**	10-15-63 3-10-64	74.1 75.3	840.9 839.7	4103
02S/05M-29D02 S	745.0	9-07-63 1-11-64 3-14-64 5-09-64	14.0 14.3 13.3 14.2	731.0 730.7 731.7 730.8		03S/05M-03F01 S	879.5	12-05-63 4-10-64	121.2 120.1	758.3 759.4	5718
02S/05M-29E02 S	719.4	7-02-63 8-01-63 9-03-63 10-24-63 12-03-63 1-07-64 2-05-64 3-18-64 5-12-64 6-09-64	7.8 8.4 8.2 8.0 6.4 7.3 6.3 4.5 6.2 7.9	711.6 711.0 711.2 711.4 713.0 712.1 713.1 716.9 713.2 711.5	4103						
02S/05M-29E06 S	738.3	2-21-64	25.0	713.3	5718						
02S/05M-32A01 S	783.0**	4-09-64	53.7	729.3	5718						
02S/05M-32B01 S	780.1	12-06-63 4-09-64	49.6 49.3	730.5 730.8	5718						
02S/05M-32K01 S	777.5	8-02-63 9-05-63 10-15-63 12-04-63 1-08-64 2-07-64	41.4 40.8 41.3 40.9 41.1 41.0	736.1 736.7 736.2 736.6 736.4 736.5	4103						
(CONT*)											

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	SANTA ANA RIVER HYDRO UNIT		LAKE MATHEWS HYDRO SUBUNIT		Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
						Y-01-C0	Y-01-C1	Y-01-C0	Y-01-C1				
SANTA ANA RIVER HYDRO UNIT													
LAKE MATHEWS HYDRO SUBUNIT													
COLUMBIANA HYDRO SUBAREA													
05S/06W-02P01 S	1110.3	7-06-63	126.9	983.4	5717	05S/06W-03C01 S	1121.0	4-18-64	211.8	909.2	5717	Y-01-C0	Y-01-C1
		7-20-63	127.0	983.3				5-02-64	211.6	909.4			
		8-17-63	127.3	983.0				5-16-64	211.2	908.8			
		9-07-63	127.3	985.0				6-06-64	212.2	908.8			
		9-14-63	127.8	982.5				6-13-64	212.8	908.2			
		10-05-63	128.2	982.1				7-06-63	181.9	918.1	5717		
		10-19-63	128.5	981.8				7-13-63	162.5	918.0			
		11-02-63	128.6	981.7				7-06-63	224.5	890.5	5717		
		11-16-63	128.6	981.7				7-20-63	233.4P	881.6			
		12-07-63	129.4	980.9				8-03-63	249.4P	865.6			
		12-14-63	129.7	980.6				8-17-63	219.9	895.1			
		1-04-64	129.9	980.4				9-07-63	220.8	894.2			
		1-18-64	130.0	980.3				9-14-63	252.3P	862.7			
		2-01-64	130.5	979.8				10-05-63	262.9P	852.1			
		2-15-64	130.6	979.7				10-19-63	249.5P	865.5			
		3-07-64	131.2	979.1				11-02-63	251.9P	863.1			
		3-14-64	131.3	979.0				11-16-63	253.3P	861.7			
		4-01-64	131.6	978.7				12-07-63	229.3	889.7			
		4-18-64	131.9	978.4				12-14-63	229.3	889.7			
		5-02-64	132.1	978.2				1-04-64	230.3	884.7			
		5-18-64	133.1P	977.2				1-18-64	248.5P	866.7			
		6-06-64	133.1	977.2				2-01-64	230.1	884.7			
		6-13-64	133.1	977.2				2-15-64	220.9P	864.7			
05S/06W-03C01 S	1121.0	7-06-63	196.7	924.3	5717	05S/06W-03J04 S	1115.0	7-06-63	224.5	890.5	5717		
		7-20-63	198.1	922.9				7-20-63	233.4P	881.6			
		8-03-63	199.2	921.8				8-03-63	249.4P	865.6			
		9-17-63	200.9	921.1				8-17-63	219.9	895.1			
		9-14-63	200.9	920.1				9-07-63	220.8	894.2			
		10-05-63	202.2	918.8				9-14-63	252.3P	862.7			
		10-19-63	204.5	918.5				10-05-63	262.9P	852.1			
		11-02-63	206.2	916.8				10-19-63	249.5P	865.5			
		11-16-63	207.5	913.5				11-02-63	251.9P	863.1			
		12-07-63	208.8	911.7				11-16-63	253.3P	861.7			
		12-14-63	209.3	911.7				12-07-63	229.3	889.7			
		1-04-64	210.1	910.9				12-14-63	229.3	889.7			
		1-18-64	210.5	910.5				1-04-64	231.4	883.6			
		2-01-64	210.9	910.1				4-18-64	231.0	884.0			
		2-15-64	211.4	909.6				5-02-64	242.1P	874.9			
		3-07-64	212.4	908.6				5-16-64	242.1P	872.9			
		3-14-64	212.8	908.2				6-06-64	242.2P	870.8			
		4-01-64	213.0	908.0				6-13-64	244.2P	870.8			
		(CONT.)						6-13-64	244.2P	870.8	5872		
								7-06-63	244.5P	877.5	5717		
								7-20-63	240.2P	881.8			
								8-03-63	233.9	888.1			
								8-17-63	249.8P	872.2			
								9-07-63	244.5P	877.5			
								9-14-63	247.7P	874.3			
								10-05-63	246.8P	879.2			
								10-19-63	254.9P	867.1			
								11-02-63	257.8P	864.2			
								(CONT.)					

• Questionable measurement

P Pumping measurement

A Air gauge measurement

**

Approximate ground surface elevation

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. (in Feet)	Date	Dist. G. S. to Water Surface (in Feet)	Water Surface Elev. (in Feet)	Agency Supplying Data	State Well Number	G. S. Elev. (in Feet)	Date	Dist. G. S. to Water Surface (in Feet)	Water Surface Elev. (in Feet)	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
LAKE MATHEWS HYDRO SUBUNIT											
COLUMBIAN HYDRO SUBAREA											
05S/06W-03K01 S	1122±0	(CONT.)	255.5P	866.5	5717	04S/06W-16C01 S	781±0	7-06-63	66±6P	719±9	5717
		11-19-63	266.9	895.5				7-20-63	70.3P	710±7	
		12-14-63	251.5P	870.5				8-03-63	75.0P	706.0	
		1-08-64	270.8P	851.2				8-17-63	78.6P	702±2	
		1-18-64	257.9P	864±1				9-07-63	78.8P	702±2	
		2-01-64	257.9*	864±1				9-21-63	60±5	720.5	
		2-15-64	258.1*	863.9				10-05-63	55±9	725±1	
		3-07-64	257.9P	864±1				10-19-63	55.9	725±1	
		3-14-64	253.7P	868.3				11-02-63	51±*	729±8	
		4-01-64	252.8P	869.2				11-16-63	52.5	728±5	
		4-18-64	255.7P	866.3				12-07-63	46±8	734±7	
		5-02-64	252.9P	869±5				12-14-63	47±2	733±8	
		5-16-64	251.9P	870±1				1-04-64	49.7	731±8	
		6-06-64	255.9P	866±1				1-18-64	49.8	731±2	
		6-13-64	256.3P	865.7				2-01-64	44.8	736±7	
		6-13-64	256.3P	865.7	5872			2-15-64	41.5	739±5	
		6-13-64						3-07-64	45±8	735±7	
		7-06-63	246.6	1038±4	5717			3-14-64	43±5	737±5	
		7-20-63	246.9	1038±1				4-01-64	40±8	740±7	
		8-03-63	248.5	1036±5				4-18-64	41±5	739±5	
		8-17-63	249.8	1035±7				5-02-64	43±5	737±5	
		9-07-63	250.3	1034±7				9-16-64	44±3	736±7	
		10-08-63	250.0	1034±2				6-08-64	46±2	736±7	
		10-19-63	255.0	1030.0				6-13-64	46±3	736±7	
		11-02-63	256.5	1028±5				7-06-63	46±3	734±7	5872
		11-16-63	257.8	1027±2				7-17-63	717±5	717.7	5717
		12-07-63	258.5	1026±5				8-03-63	86±9P	703±1	
		12-14-63	258.9	1026±1				8-20-63	82±9P	707±1	
		1-04-64	259.8	1025±2				8-17-63	72±5P	717±5	
		1-18-64	250.2	1034±8				9-07-63	74±9P	717±5	
		2-01-64	250.3	1034±7				9-14-63	76±9P	719±1	
		2-15-64	251.3	1033±7				10-05-63	62±2	727±8	
		3-07-64	262±4	1022±6				10-19-63	63±9P	726±1	
		3-14-64	262±5	1022±5				11-02-63	49±5	740±5	
		4-01-64	261.9	1023±1				11-16-63	58±9P	731±1	
		4-18-64	261±4	1023±6				12-07-63	44±2	745±8	
		5-02-64	260.9	1024±1				12-14-63	53±2P	736±8	
		5-16-64	260.9	1024±1				1-04-64	59±5P	730±5	
		6-06-64	262±3	1022±7				1-18-64	58±2P	731±8	
		6-13-64	263±3	1021±7				2-01-64	43±2	746±8	
		6-13-64	263±3	1021±7	5872			2-15-64	40±3	749±7	
		6-13-64	263±3	1021±7				3-07-64	53±5	736±5	
		6-14-64						3-14-64	42±4P	742±8	
											(CONT.)

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev. In Feet	Date	Dist. G.S. To Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G.S. Elev. In Feet	Date	Dist. G.S. To Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
LAKE MATHES HYDRO SUBUNIT Y-01-C2											
BEDFORD HYDRO SUBAREA											
04S/06W-16C02 S	790.0	(CONT*)	39+2	750.8	5717	04S/06W-35G01 S	956.0	12-14-63	35+9	920.1	5717
		4-01-64	39+9P	750.1				1-04-64	34+8	921.2	
		4-18-64	49.5P	740.5				1-18-64	34+9	921.1	
		5-02-64	50.8P	739.2				2-01-64	35+6	920.4	
		5-16-64	52.3	737.7				2-15-64	35+4	920.6	
		6-06-64	51.9P	738.1				3-07-64	79+5P	876.5	
		6-13-64						3-14-64	40+3	915.7	
		7-06-63	57.4	742.6	5717			4-01-64	37+4	918.6	
		7-20-63	61.2	738.8				4-18-64	50+8P	905.2	
		8-03-63	60.3	739.7				5-02-64	86+2P	869.8	
		8-17-63	61.4	738.6				5-16-64	88+8P	886.2	
		9-07-63	61.3	738.7				6-06-64	88+6P	867.4	
		9-15-63	57.7	746.7				6-13-64	88+7P	867.3	
		10-19-63	51.7	748.7				7-06-63	73+7*	882.3	5717
		11-02-63	46.3	753.7				7-20-63	72+7*	883.3	
		11-16-63	48.8	751.2				8-17-63	72+7*	883.3	
		12-07-63	40.3	759.7				8-17-63	72+7*	883.2	
		12-14-63	40.3	759.7				9-14-63	72+7*	883.3	
		1-04-64	46+8	753.2				10-05-63	72+5*	883.5	
		1-18-64	45+3	754+7				10-19-63	72+7*	883.5	
		2-01-64	37+3	762+7				11-02-63	38+7	917.3	
		2-15-64	35+3	764+7				11-16-63	37+0	919.0	
		3-07-64	41+3	758+7				12-07-63	36+0	920.0	
		3-14-64	39+3	760+7				12-14-63	35+6	920.4	
		4-01-64	34+5	765+5				1-04-64	34+5	921.5	
		4-18-64	34+5	765+5				1-18-64	34+6	921.4	
		5-02-64	38+3	761+7				2-01-64	35+2	920.8	
		5-16-64	38.8	761+2				2-15-64	35+0	921.0	
		6-06-64	43+3	756+7				3-07-64	72+3*	883.7	
		6-13-64	43+2	756+8				3-14-64	72+4*	883+6	
		7-06-63	88+9P	867+1	5717			4-01-64	37+1	918+9	
		7-20-63	88+9P	867+1				4-18-64	50+4	905+6	
		8-03-63	89+1P	866+9				5-02-64	73+5*	882.5	
		8-17-63	89+1P	866+9				5-16-64	69+4*	886+6	
		9-07-63	89+1P	866+9				6-06-64	72+6*	883+4	
		9-21-63	42+1	913+9				6-13-64	72+7*	883+3	
		10-09-63	83+1P	872+9							
		10-19-63	83+1P	867+6							
		11-06-63	37+1	918+6							
		11-16-63	37+1	918+6							
		12-07-63	36+3	919+7							
		(CONT **)									
LEE LAKE HYDRO SUBAREA											
04S/06W-35G01 S	956.0	(CONT **)				04S/06W-35G02 S	956.0	7-06-63	27+2P	1067+8	5717
		7-20-63						7-06-63			
		8-03-63						(CONT *)			
		8-17-63									
		9-07-63									
		9-21-63									
		10-09-63									
		10-19-63									
		11-06-63									
		11-16-63									
		12-07-63									
		(CONT **)									
LEE LAKE HYDRO SUBAREA											
04S/06W-35G01 S	956.0	(CONT **)				05S/05W-07C01 S	1095.0	7-06-63	27+2P	1067+8	5717
		7-20-63						7-06-63			
		8-03-63						(CONT *)			
		8-17-63									
		9-07-63									
		9-21-63									
		10-09-63									
		10-19-63									
		11-06-63									
		11-16-63									
		12-07-63									
		(CONT **)									

* Questionable measurement

** Approximate ground surface elevation

A Air gauge measurement

P Pumping measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
LAKE MATHES HYDRO SUBUNIT						LEE LAKE HYDRO SUBAREA					
Y-01•C0						Y-01•C4					
055/05W-07C01 S	1095•0	(CONT.)	27•2P	1067•8	5717	055/05W-08N01 S	1175•0	4-18-64	81•7P	1093•3	5717
		7-20-63	27•2P	1067•8				5-02-64	82•8P	1092•2	
		8-03-63	27•2P	1067•8				5-16-64	83•1P	1091•9	
		9-07-63	27•3P	1067•7				6-06-64	84•5P	1090•5	
		9-21-63	18•6	1076•4				6-13-64	84•5P	1090•5	
		10-05-63	27•2P	1067•8				7-06-63	90•9P	1099•1	5717
		10-19-63	27•2P	1067•8				7-20-63	73•4	1116•6	
		11-02-63	27•2*	1067•8				8-03-63	91•0P	1099•0	
		12-07-63	16•4	1078•6				8-17-63	90•9P	1099•1	
		12-14-63	27•2P	1067•8				9-07-63	90•9P	1099•1	
		1-04-64	27•2P	1067•8				9-14-63	90•9P	1099•1	
		1-18-64	27•2P	1067•8				10-05-63	96•3P	1101•1	
		2-01-64	16•6	1079•4				11-02-63	89•8*	1100•1	
		3-07-64	15•2	1079•6				11-16-63	90•2P	1099•8	
		3-14-64	25•9P	1069•1				12-07-63	79•4	1116•6	
		4-01-64	15•7	1079•3				1-04-64	90•1P	1099•9	
		4-18-64	34•9P	1060•1				1-18-64	90•3P	1099•7	
		5-02-64	35•9*	1059•1				2-01-64	71•9	1118•1	
		5-16-64	35•4*	1059•6				2-15-64	70•7	1119•3	
		6-06-64	34•1P	1060•9				3-07-64	90•9P	1099•1	
		6-13-64	34•2	1060•8				3-14-64	90•9P	1099•1	
055/05W-08N01 S	1175•0	(CONT.)	86•5P	1088•5	5717	TERRA COTTA HYDRO SUBAREA					
		7-06-63	86•5P	1088•5		055/04W-31E03 S	1275•0**	10-29-63	35•2	1239•8	4103
		7-20-63	86•5P	1088•5				3-19-64	35•3	1239•7	
		8-03-63	85•7P	1089•3				10-29-63	42•8	1267•2	4103
		8-17-63	87•2P	1087•8				3-20-64	44•3	1255•7	
		9-07-63	87•4P	1087•6				10-29-63	44•3	1255•7	
		9-14-63	86•9P	1088•1				3-20-64	44•3	1255•7	
		10-05-63	80•2P	1094•8				10-29-63	15•8	1238•2	4103
		10-19-63	88•1P	1065•9				3-19-64	15•1	1238•9	
		11-02-63	87•4*	1087•6							
		11-16-63	87•3P	1087•7							
		12-07-63	52•9	1122•1							
		12-14-63	82•5P	1092•5							
		1-18-64	85•9P	1089•6							
		2-01-64	65•5	1112•1							
		2-15-64	61•3	1112•7							
		3-07-64	88•8P	1086•3							
		3-14-64	88•7P	1086•3							
		4-01-64	62•1	1112•9							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
COLTON-RIALTO HYDRO SUBUNIT UPPER LYTLE HYDRO SUBAREA											
LAKE MATHEWS HYDRO SUBUNIT TERRA COTTA HYDRO SUBAREA											
055/05W-36J01 S	1260.0**	10-29-63 3-19-64	14.4 14.0	1245.6 1246.0	4103	01S/04W-30J05 S	922.0**	7-06-63	83.8	838.2	5713
								8-03-63	86.6	837.4	
								8-29-63	85.3	836.7	
								10-05-63	86.0	836.0	
								11-02-63	85.3	835.7	
								12-15-63	85.1	835.7	
								1-1-64	85.1	835.6	
								2-1-64	85.8	839.2	
								3-07-64	82.8	840.2	
								4-06-64	81.8	840.2	
								5-09-64	82.0	840.0	
						02N/06W-13J01 S	2484.6	7-19-63	23.3	2461.3	3230
								8-07-63	23.9	2460.7	
								8-30-63	26.1	2460.5	
								9-13-63	25.5	2459.1	
								10-17-63	26.8	2457.8	
								11-07-63	27.5	2457.1	
								12-03-63	28.0	2456.6	
								1-10-64	27.8	2456.8	
								1-31-64	25.5	2459.1	
								2-19-64	28.8	2459.8	
								3-11-64	25.2	2459.4	
								4-02-64	26.7	2459.9	
								4-17-64	23.5	2461.1	
								5-21-64	23.3	2461.3	
								6-25-64	24.1	2460.5	
						02N/06W-21R01 S	3400.0**	7-02-63	49.2	3350.8	4706
								8-02-63	49.3	3350.7	
								9-03-63	49.5	3350.5	
								10-03-63	48.9	3351.1	
								11-04-63	49.4	3350.9	
								11-29-63	49.5	3350.7	
								1-02-64	50.3	3349.7	
								3-04-64	49.9	3350.1	
								4-02-64	48.4	3351.6	
								5-04-64	49.0	3351.0	
								6-02-64	49.0	3351.0	
						02N/06W-26L01 S	2760.0	7-02-63	45.5P	2718.5	4706
								8-02-63	46.4P	2713.6	
								9-03-63	49.1P	2710.9	
								(CONT.)			

• Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	C. S. Elev., In Feet	Date	Dist. U. S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data	State Well Number	C. S. Elev., In Feet	Date	Dist. U. S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
COLTON-RIALTO HYDRO SUBUNIT						LOWER LYTLE HYDRO SUBAREA					
Y-01*01						Y-01*00					
UPPER LYTLE HYDRO SUBAREA						SUBAREA					
02N/06W-26L01 S	2760.0		51.5P	2708.5	4706	01N/05W-06K01 S	2242.5	10-03-63	90.8	2151.7	4706
(CONT.)			11-04-63	2704.0				11-04-63	90.5	2152.0	
			11-29-63	49.3P	2710.7			11-29-63	89.9	2152.6	
			1-03-64	55.1P	2704.9			2-03-64	89.2	2153.3	
			2-04-64	52.2P	2707.8			2-03-64	89.4	2153.1	
			3-03-64	51.6P	2708.4			3-03-64	92.5	2150.0	
			4-02-64	22.5	2737.5			4-02-64	88.3	2154.2	
			5-04-64	45.0P	2715.0			5-04-64	84.8	2157.7	
			6-02-64	46.0P	2714.0			6-02-64	86.1	2156.4	
02N/06W-26L02 S	2754.1		34.0	2720.1	4706	01N/05W-06K02 S	2153.0	7-02-63	135.3P	2017.7	4706
			8-02-63	33.1	2721.0			8-02-63	131.5P	2001.5	
			9-03-63	35.0	2719.2			9-03-63	131.5P	2001.5	
			10-03-63	36.7	2717.9			10-03-63	131.5P	2001.5	
			11-29-63	41.2	2716.9			11-04-63	107.6A	2045.4	
			1-03-64	43.1	2711.0			11-29-63	107.6A	2045.4	
			2-04-64	40.2	2713.9			1-03-64	149.2P	2003.8	
			3-03-64	39.6	2714.5			2-04-64	109.9A	2043.1	
			4-02-64	37.2	2716.9			3-03-64	112.2A	2040.8	
			5-04-64	33.0	2721.1			4-02-64	107.6A	2045.4	
			6-02-64	33.0	2721.1			5-05-64	104.2A	2048.8	
								6-02-64	102.9A	2050.1	
LOWER LYTLE HYDRO SUBAREA						SUBAREA					
Y-01*02						Y-01*01					
01N/05W-06F01 S	2504.0	7-02-63	87.1	2416.9	4706	01N/05W-07H01 S	2065.5	7-02-63	120.1A	1945.4	4706
		8-02-63	90.5	2413.5				8-02-63	121.2A	1944.3	
		9-03-63	89.6	2414.4				9-03-63	122.4A	1943.1	
		10-03-63	90.3	2413.7				10-03-63	127.8A	1937.7	
		11-04-63	89.4	2414.6				11-04-63	109.1A	1956.4	
		11-29-63	89.7	2414.3				11-29-63	109.1A	1956.4	
		1-03-64	90.6	2413.4				1-03-64	150.7P	1914.8	
		2-04-64	89.2	2414.8				2-04-64	111.4A	1944.1	
		3-03-64	90.4	2413.6				3-03-64	113.7A	1921.8	
		4-02-64	88.4	2415.6				4-02-64	109.1A	1956.4	
		5-04-64	89.0	2419.0				5-05-64	105.7A	1959.8	
		6-02-64	85.7	2418.5				6-02-64	104.4A	1961.1	
01N/05W-06G01 S	2242.5	7-02-63	86.6	2155.9	4706	01N/05W-16K01 S	1720.0	7-02-63	306.4A	1413.6	4706
		8-02-63	92.3	2150.2				8-01-63	307.6A	1412.4	
		9-03-63	94.9	2147.6				9-03-63	309.2A	1410.8	
(CONT.)								10-01-63	311.4A	1408.9	
								11-04-63	312.2A	1407.8	
								11-29-63	312.2A	1407.8	
								1-03-64	314.8A	1405.2	
								2-04-64	315.7A	1404.3	
(CONT.)											

** Approximate ground surface elevation

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S.Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G.S.Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
Y-01.00											
COLTON-RIALTO HYDRO SUBUNIT											
LOWER LITTLE HYDRO SUBAREA											
01N/05W-16K01 S	1720.0	(CONT.)	319.1A	1400.9	4706	01N/05W-22F03 S	1577.7	7-03-63	276.1*	1301.6	Y-01.02
		3-03-64	316.8A	1403.2				8-03-63	299.6*	1278.1	4706
		5-04-64	321.5A	1398.5				9-03-63	314.6*	1263.1	
		6-01-64	321.5A	1398.5				10-03-63	316.5*	1261.2	
01N/05W-22C02 S	1591.5	7-02-63	339.0A	1252.5	4706			11-04-63	293.4*	1284.3	
		8-01-63	347.0A	1244.5				11-29-63	287.6*	1290.1	
		10-03-63	350.6A	1240.9				1-03-64	313.1*	1264.6	
		11-01-63	351.8A	1239.7				2-04-64	306.5*	1271.2	
		11-29-63	344.8A	1246.7				3-04-64	322.4*	1255.3	
		1-03-64	365.6A	1225.9				4-03-64	315.2*	1264.5	
		2-04-64	357.5A	1234.0				5-03-64	315.4*	1264.3	
		3-03-64	358.6A	1232.9				6-03-64	327.0*	1250.7	
		4-02-64	351.7A	1239.8							
		5-04-64	347.1A	1244.4							
		6-01-64	347.1A	1244.4							
01N/05W-22F01 S	1596.5	7-02-63	329.3P	1267.2	4706	01N/05W-23P04 S	1457.0**	7-10-63	370.0P	1187.0	4124
		8-01-63	352.4P	1244.1				8-01-63	320.5	1231.9	
		9-03-63	367.4P	1229.1				9-03-63	325.0	1235.2	
		10-01-63	368.6P	1227.9				11-01-63	321.5	1235.5	
		11-04-63	345.5P	1251.0				12-01-63	300.0P	1157.0	
		11-29-63	339.7P	1256.8				1-02-64	311.0P	1146.0	
		1-09-64	365.2P	1231.3				2-04-64	323.1	1233.9	
		2-04-64	359.3P	1237.2				3-04-64	230.0	1227.0	
		3-03-64	375.3P	1221.2				4-07-64	220.5	1236.5	
		4-02-64	362.8P	1233.7				6-02-64	220.0	1237.0	
		5-04-64	344.3P	1252.2							
		6-01-64	355.9P	1240.6							
01N/05W-22F02 S	1583.0	7-02-63	339.7P	1243.3	4706						
		8-01-63	352.4P	1230.6				7-02-63	61.9	1788.1	4706
		9-03-63	354.7P	1228.3				8-01-63	61.7	1788.3	
		10-01-63	351.4P	1242.9				9-03-63	63.1	1786.9	
		11-04-63	347.8P	1235.2				10-03-63	63.8	1786.2	
		11-29-63	347.8P	1235.2				11-04-63	63.7	1786.3	
		1-03-64	347.8P	1235.2				11-29-63	65.3	1784.7	
		2-04-64	359.3P	1223.7				1-03-64	65.0	1785.0	
		3-03-64	366.2P	1216.8				2-04-64	63.2	1786.8	
		4-02-64	355.9P	1227.1				4-02-64	61.9	1793.1	
		5-04-64	352.4P	1230.6				5-04-64	60.5	1783.5	
		6-01-64	353.5P	1229.5				6-01-64	61.4	1787.6	
UPPER COLTON-RIALTO HYDRO SUBAREA											
Y-01.03											
						01N/05W-17G01 S	1850.0**	11-27-63	66.4*	1783.6	5718
								4-03-64	66.9*	1783.1	
						01N/05W-17K01 S	1850.0*	7-02-63	61.9	1788.1	4706
								8-01-63	61.7	1788.3	
								9-03-63	63.1	1786.9	
								10-03-63	63.8	1786.2	
								11-04-63	63.7	1786.3	
								11-29-63	65.3	1784.7	
								1-03-64	65.0	1785.0	
								2-04-64	63.2	1786.8	
								4-02-64	61.9	1793.1	
								5-04-64	60.5	1783.5	
								6-01-64	61.4	1787.6	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
COLTON-RIALTO HYDRO SUBUNIT						Y-01-D0					
UPPER COLTON-RIALTO HYDRO SUBAREA											
01N/05W-17K02 S	1852.6**	11-27-63 4-03-64	62.9 63.9	1789.7 1788.7	5718	01S/04W-18E01 S	1115.5	5-07-64 5-29-64	236.3 235.6	879.2 879.9	5100
LOWER COLTON-RIALTO HYDRO SUBAREA											
01S/04W-07C01 S	1199.6	8-01-63 10-11-63 11-21-63 11-27-63 4-07-64 4-09-64	210.5 211.0 203.5 208.5 209.1 199.0	989.1 988.6 996.1 991.1 990.5 1000.6	3230 5100 3230	01S/04W-18F01 S	1100.4	7-26-63 8-27-63 9-13-63 9-30-63 10-30-63 11-29-63 11-29-63 12-13-63 1-06-64 2-03-64 3-02-64 3-31-64 4-06-64 4-30-64	230.0 225.0 220.9 223.0 223.8 223.4 223.0 219.2 222.0 222.5 222.0 222.0 223.0 220.0	870.4 875.4 879.5 874.4 876.6 877.4 861.2 871.4 878.4 877.9 878.4 877.4 880.4	4201 5713 4201 5713 4201
01S/04W-18B01 S	1122.0** 1134.9	7-19-63 7-26-63 8-27-63 9-13-63 10-30-63 11-29-63 11-29-63 2-03-64 3-02-64 3-31-64 4-06-64 4-30-64	253.0 255.2 256.8 253.7 255.5 254.8 253.8 253.8 254.8 253.8 253.8 253.8 255.3	869.0 879.7 878.1 868.3 879.4 860.1 861.1 867.1 891.1 880.1 880.9 881.1 881.1	5713 4201	01S/04W-18G01 S	1093.6	7-25-63 8-27-63 9-13-63 10-30-63 11-29-63 11-29-63 2-03-64 3-02-64 3-31-64 4-04-64 4-30-64 5-28-64	219.0 220.0 220.0 218.4 218.0 218.0 218.0 217.5 218.0 218.0 218.0 218.0	874.6 875.6 875.6 875.6 875.6 876.1 875.6 875.6 875.6 875.6 875.6 875.6	4201
01S/04W-18B02 S	1105.5	8-01-63 10-11-63 11-29-63 2-27-64 4-07-64	231.4 227.0 225.6 224.8 225.0	874.1 878.5 879.9 880.7 880.5	3230	01S/04W-20K01 S	981.0	7-30-63 8-26-63 9-25-63 11-24-63 12-27-63 1-07-64 1-26-64 2-26-64 3-27-64 4-06-64 5-27-64 6-27-64	142.8 142.0 137.9 136.7 133.2 130.0 130.4 129.7 127.9 128.2 129.2	838.2 839.0 843.1 844.3 847.8 851.0 850.6 851.3 853.1 853.3 852.8 851.8	3400
01S/04W-18E01 S	1115.5	8-30-63 9-30-63 10-30-63 12-02-63 1-07-64 1-31-64 3-06-64 4-09-64 (CONT.)	252.6** 240.3 236.8 237.4 239.3 237.7 236.4 236.0	862.9 875.2 878.7 878.1 876.2 878.3 879.1 879.5	5100						

* Questionable measurement

** Approximate ground surface elevation

P. Pumping measurement

A. Air-gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
COLTON-RIALTO HYDRO SUBUNIT						COLTON-RIALTO HYDRO SUBUNIT					
Y-01-D0						Y-01-D0					
015/04W-20K02 S	980.0**	7-19-63	131.9	848.1	5713	015/04W-21L01 S	956.0	9-05-63	149.4P	806.6	5720
		8-29-63	133.1	846.9				9-12-63	96.1	859.9	
		9-08-63	133.2	846.8				10-03-63	92.8	863.2	
		12-13-63	132.0	848.0				10-17-63	87.1	868.9	
015/04W-21A01 S	970.2**	9-13-63	179.5*	790.7	5713			11-07-63	82.8	873.2	
		10-04-63	168.2*	802.0				11-14-63	80.4	875.6	
		10-25-63	165.3*	804.9				11-29-63	80.0	876.0	3230
		11-02-63	154.4	815.8				12-06-63	79.3	876.7	5720
		11-22-63	163.9*	806.3				12-12-63	79.4	876.6	
		12-13-63	142.7	827.5				1-02-64	83.8	872.2	
		9-13-63	80.1	899.9	5713			1-17-64	78.9	877.1	
015/04W-21K05 S	980.0**	10-04-63	42.9	937.1				2-07-64	77.2	878.8	
		10-23-63	42.1	937.9				2-13-64	75.9	880.1	
		11-02-63	70.0	910.0				2-27-64	80.7	875.3	3230
		11-12-63	67.6	912.2				3-06-64	87.9	868.1	5720
		12-13-63	60.3	913.7				3-13-64	89.9	866.1	
015/04W-21K06 S	960.0**	7-18-63	45.6	916.4	5713			4-03-64	78.9	877.1	
		8-29-63	55.9	906.1				4-17-64	141.6P	814.4	
		9-07-63	60.0	900.0				5-01-64	63.1	872.9	
		10-25-63	61.2	898.6				5-15-64	144.8P	811.2	
		11-08-63	40.7	919.3				6-05-64	144.6P	811.4	
		11-22-63	50.4	909.6				6-12-64	144.9P	811.1	
		12-13-63	42.7	917.3				6-26-64	146.8P	809.2	
015/04W-21K07 S	960.0**	12-13-63	59.3	900.7	5713	015/04W-21N01 S	963.3	7-06-63	99.5	863.8	5717
		7-29-63	41.9	913.1	3400			7-18-63	103.5	859.5	5713
		8-26-63	41.6	913.4				7-20-63	100.0	863.3	5717
		9-25-63	41.1	913.9				8-02-63	100.7	862.6	3730
		11-24-63	38.9	916.1				8-03-63	100.5	862.8	5717
		12-27-63	42.6	912.4				8-17-63	100.0	863.3	
		3-27-64	38.4	916.6				8-29-63	102.4	860.6	5713
		5-27-64	38.3	916.7				9-07-63	102.0	861.3	5717
		6-27-64	39.4	915.6				9-13-63	102.3	860.7	5713
		7-04-63	153.6P	802.4	5720			9-14-63	99.0	864.3	5717
		7-18-63	151.0P	805.0				10-04-63	100.1	862.9	5713
		8-05-63	131.2P	805.8				10-05-63	97.0	866.3	5717
		8-15-63	131.2P	805.8				10-11-63	99.0	864.3	3230
		8-15-63	130.4P	805.6				10-19-63	98.5	864.8	5717
								10-25-63	100.3	862.7	5713
								11-02-63	96.5	866.8	5717
								11-08-63	98.2	864.8	5713
								11-16-63	95.5	867.8	5717
								11-22-63	98.7	864.3	5713
								11-29-63	93.2	870.1	3230

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
COLTON-RIALTO HYDRO SUBUNIT						COLTON-RIALTO HYDRO SUBUNIT					
Y-01*00						Y-01*00					
(CONT.)						(CONT.)					
01S/04W-21N01 S	963*3	12-07-63	93*0	870*3	5717	01S/04W-21N01 S	945*5	1-09-64	39*4	906*1	5720
	963*0	12-13-63	95*6	867*4	5713			3-05-64	40*1	905*4	
	963*3	12-14-63	153*0P	810*3	5717			4-03-64	42*2	908*3	
		1-04-64	98*0	865*3				4-10-64	37*4	908*4	
		1-18-64	93*5	869*6				5-01-64	41*3	905*2	
		2-01-64	92*0	871*3				6-04-64	46*4	899*1	
		2-15-64	91*0	872*3				7-04-63	98*9	856*3	
		2-27-64	93*0	870*3	3230			7-18-63	99*6	855*6	
		3-07-64	92*2	868*8	5717			8-01-63	101*3	853*9	
		4-01-64	92*0	871*3				8-15-63	99*7	855*5	
		4-08-64	91*0	872*3	3230			9-05-63	97*8	857*4	
		4-18-64	92*0	871*3	5717			9-12-63	130*1P	825*1	
		5-02-64	94*5	868*8				10-03-63	126*2P	829*0	
		5-16-64	94*5	868*8				10-17-63	88*4	866*8	
		6-06-64	95*0	868*3				11-07-63	82*9	872*3	
		6-13-64	95*0	868*3				11-14-63	84*0	871*2	
		7-05-63	39*5	908*0	5720			12-06-63	79*2	876*0	
		8-02-63	40*4	907*1				12-12-63	79*6	875*6	
		9-06-63	43*4	904*1				1-01-64	83*9	871*3	
	948*4	9-13-63	63*0*	885*4	5713			1-17-64	79*0	876*2	
	947*5	10-11-63	33*9	913*6	5720			2-07-64	76*3	878*9	
		11-01-63	35*5	912*0				2-13-64	70*6	878*6	
		12-13-63	32*8	914*7				3-06-64	122*1P	833*1	
		1-09-64	35*1	912*4				3-13-64	125*2P	830*0	
		2-13-64	35*9	911*6				4-03-64	877*2	877*2	
		3-05-64	35*6	911*9				4-17-64	78*0	866*6	
		4-03-64	33*7	913*8				5-01-64	132*9P	822*3	
		4-10-64	33*1	914*4				5-13-64	90*7	869*3	
		5-01-64	34*2	913*3				6-03-64	91*7	869*2	
		6-04-64	35*6	911*9				6-19-64	94*7	864*2	
		7-05-63	51*1	896*4	5720			6-26-64	93*8	859*4	
		7-18-63	32*8	912*7	5713			7-18-63	76*2	901*8	5713
		8-02-63	52*6	892*9	5720			8-29-63	76*2	901*8	
		8-29-63	35*2	910*3	5713			9-13-63	76*3	901*7	
		9-06-63	57*3	888*2	5720			10-04-63	75*3	902*7	
		9-13-63	35*4	910*1	5713			10-25-63	73*6	904*4	
		10-04-63	30*7	914*8				11-22-63	72*5	905*5	
		10-11-63	48*3	897*2	5720			12-13-63	70*8	907*2	
		11-01-63	50*4	895*1				7-18-63	85*2	903*8	5713
		12-13-63	41*2	904*3				8-29-63	88*8	900*2	
		(CONT.)						(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
COLTON-RIALTO HYDRO SUBUNIT						COLTON-RIALTO HYDRO SUBUNIT					
Y-01-00						Y-01-00					
01S/04W-27C02 S	995.1	7-18-63	69.3	925.8	5713	01S/04W-28E01 S	936.0**	9-07-63	59.1	876.9	5713
01S/04W-27001 S	980.0**	8-29-63	113.6*	866.4	5713			10-04-63	61.9	874.1	
		9-13-63	88.7	891.3				10-25-63	61.0	875.0	
		10-04-63	81.5	898.5				11-22-63	59.6	876.4	
		10-25-63	81.1	898.9				12-13-63	58.2	877.8	
		11-22-63	84.8	895.2				1-11-64	57.9	878.1	
		12-13-63	82.6	897.4				3-14-64	56.6	879.4	
01S/04W-28A02 S	980.0**	8-29-63	70.5	909.5	5713	01S/04W-28G01 S	954.0**	7-06-63	74.0	880.0	5713
		10-04-63	69.8	910.2				8-29-63	69.7	884.3	
		10-25-63	68.0	912.0				10-05-63	71.0	883.0	
		11-22-63	70.6	909.4				10-25-63	67.5	886.5	
01S/04W-28C01 S	956.0	7-05-63	88.9	867.1	5720			11-22-63	66.6	887.4	
		7-18-63	133.8P	824.2				12-14-63	67.6	886.4	
		8-02-63	135.2P	820.8				7-18-63	73.9	873.1	5783
		8-15-63	132.5P	823.8				8-17-63	182.5*	764.5	
		9-7-63	127.3P	826.7				9-15-63	196.0P	751.0	
		10-05-63	133.5P	827.8				10-12-63	71.5	875.5	
		10-17-63	125.6P	830.6				11-17-63	64.3	882.7	
		11-07-63	81.6	874.6				12-16-63	61.7	885.3	
		11-14-63	121.3P	834.7				1-18-64	62.0	885.0	
		12-08-63	75.2	880.8				2-13-64	61.0	886.0	
		12-15-63	75.5	880.5				2-19-64	60.9	886.5	
		1-03-64	77.2	878.8				4-07-64	61.5	886.2	
		1-17-64	75.9	880.1				5-10-64	61.0	886.0	
		2-07-64	72.1	883.9				6-09-64	61.9	885.5	
		2-13-64	64.1	891.9				7-06-63	67.3	885.1	5713
		3-06-64	119.3P	836.7				7-30-63	66.8*	885.6	3400
		3-13-64	123.2P	832.8				8-26-63	66.3*	886.1	
		4-03-64	75.2	880.8				8-29-63	66.4*	886.0	5713
		4-17-64	75.1	880.9				9-07-63	66.4P	886.0	
		5-01-64	79.4	876.6				9-25-63	65.5	886.9	3400
		5-15-64	121.2P	834.8				10-05-63	65.0	887.4	5713
		6-05-64	118.3P	837.7				10-25-63	63.2	889.2	
		6-12-64	82.7	873.3				11-22-63	61.4	891.0	3400
		6-26-64	127.4P	828.6				11-24-63	61.1	891.3	3400
01S/05W-28E01 S	936.0**	7-06-63	59.3	876.7	5713			12-14-63	60.2	892.2	5713
		7-18-63	59.6	876.4				12-30-63	60.2	892.2	3400
		8-29-63	59.2	876.8				1-11-64	61.0	891.4	5713
								2-26-64	58.5	893.9	3400
								3-14-64	60.5	891.9	5713

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

COLTON-RIALTO HYDRO SUBUNIT COLTON-RIALTO HYDRO SUBAREA		SANTA ANA RIVER HYDRO UNIT		COLTON-RIALTO HYDRO SUBUNIT COLTON-RIALTO HYDRO SUBAREA		SANTA ANA RIVER HYDRO UNIT		COLTON-RIALTO HYDRO SUBUNIT COLTON-RIALTO HYDRO SUBAREA		SANTA ANA RIVER HYDRO UNIT		
State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	
01S/04W-28K02 S	952.4	(CONT.) 3-27-64 5-01-64 5-01-64 5-27-64 6-27-64	59.7 58.5 60.1 60.1 60.1	892.7 892.3 892.3 892.3 892.3	3400 3400 3400 3400 3400	01S/05W-12L01 S	1180.0	10-01-63 12-01-63 1-02-64 3-04-64 4-07-64	252.8A 238.8A 235.6A 251.8A 251.8A	927.2 924.8 928.8 928.2 928.2	4124	
01S/04W-28R02 S	993.6**	7-06-63 9-07-63 10-05-63 11-22-63 12-13-63 1-11-64 3-14-64 5-09-64	115.2 115.3 114.2 113.8 114.0 113.9 113.8 113.8	878.4 878.3 879.4 879.6 879.5 879.7 879.8 879.8	5713	01S/05W-12N01 S	1173.0**	7-10-63 8-01-63 9-01-63 10-01-63 12-01-63 1-02-64 2-04-64 3-04-64 4-07-64 6-02-64	260.6P 262.9P 246.1A 239.8A 242.3A 237.3A 237.3A 237.3A 252.6P	912.4 910.1 926.9 933.2 930.7 935.7 935.7 935.7 920.4	4124	
01S/05W-02C01 S	1343.5	7-10-63	377.0P	966.5	4124	01N/05W-29A01 S	1628.0	4-15-64 5-07-64 5-29-64	490.3* 475.2 479.1	1137.5 1148.8 1148.9	5100	
01S/05W-02K01 S	1287.0	7-10-63 8-01-63 9-01-63 11-01-63 12-01-63 1-02-64 3-04-64 5-09-64 4-07-64	325.0P 323.4P 325.0P 330.0P 310.0A 310.0A 310.0A 325.4P	962.0 963.6 958.0 957.0 977.0 977.0 977.0 961.6	4124	02S/03W-20D01 S	2000.0**	11-05-63 11-27-63 3-26-64	57.8 47.8 49.9	1942.2 1940.2 1950.1	4103	
01S/05W-04D02 S	1392.0	7-02-63 9-03-63 10-03-63 11-04-63 11-29-63 1-07-64 2-04-64 4-03-64 5-05-64 6-03-64	386.2P 388.2P 387.2P 386.2P 355.2A 406.2P 352.2A 394.2P 394.2P 394.2P	1007.8 1003.8 1004.8 1007.8 1036.8 987.8 1039.8 997.8 997.8 997.8	4706	02S/04W-12P02 S	1502.0	11-05-63 11-27-63 3-26-64	65.5 65.5 76.8	1436.5 1436.5 1425.2	4103	
01S/05W-12L01 S	1180.0	7-10-63 8-01-63 9-01-63 (CONT.)	274.9P 282.6P 265.1A	905.1 897.4 914.9	4124							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G S Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data	State Well Number	G S Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA											
02N/05W-19001 S	2311.3	8-30-63	32.4	2278.9	3230	01S/03W-03D02 S	1284.0	4-06-64	254.9	1029.1	3230
		8-07-63	33.1	2278.2				4-13-64	255.7	1028.3	
02N/06W-13002 S	2450.0**	7-29-63	77.2	2372.8	3230			4-25-64	255.4	1028.6	
		8-07-63	78.0	2372.0		01S/03W-03F01 S	1271.9	7-30-63	234.4	1037.5	3400
		8-30-63	78.3	2371.7				8-26-63	237.0*	1034.9	
BUNKER HILL HYDRO SUBAREA Y-01-E2											
01S/03W-01H01 S	1541.3	9-25-63	354.8	1186.5	3400			9-25-63	236.9	1035.0	
		11-24-63	355.4	1185.9				11-24-63	236.8	1035.1	
		11-26-63	355.1	1186.2	3230			12-27-63	236.2	1035.7	
		3-27-64	360.5	1180.8	3400			2-27-64	244.8	1025.1	
		4-06-64	361.2	1180.1				4-06-64	246.8	1023.1	
		4-26-64	361.0	1180.3	3230	01S/03W-03N02 S	1257.4	5-27-64	246.5P	1023.0	3230
								11-29-63			
01S/03W-02J01 S	1397.4	11-24-63	247.3	1150.1	3400			2-29-64			
		1-27-63	261.1	1136.3		01S/03W-03N03 S	1263.9	7-02-63	228.9	1037.4	4134
		3-27-64	247.0	1145.8				7-31-63	229.1	1036.8	3230
		3-27-64	251.3*	1146.1				10-10-63	233.8	1030.1	
		4-06-64	265.3	1132.1				11-19-63	232.9	1031.0	4104
		4-20-64	248.5	1148.9				11-26-63	232.8	1031.1	3230
		6-28-64	338.8P	1058.6				11-29-63	232.7	1031.2	4104
01S/03W-02P02 S	1345.3	7-30-63	271.3	1074.0	3400			12-18-63	231.0	1031.9	
		8-26-63	308.5P	1036.8				2-25-64	233.3	1030.6	3230
		9-25-63	302.6P	1042.7				3-08-64	232.4	1031.5	4104
		11-24-63	258.2	1087.1				4-06-64	233.8	1030.1	3230
		12-27-63	300.5P	1044.8				4-15-64	235.4	1028.5	4104
		3-27-64	263.9*	1081.4				4-25-64	236.9	1029.0	
		4-06-64	250.4	1094.9				5-30-64	234.6	1029.3	
		6-28-64	312.4*	1032.9		01S/03W-03N07 S	1241.0**	11-19-63	216.0	1025.0	4104
01S/03W-03D02 S	1284.0**	7-02-63	247.1	1036.9	4104			11-29-63	220.1	1020.9	
		7-31-63	254.5	1029.5	3230			12-18-63	221.8	1019.2	
		1-13-63	255.2	1028.8				7-12-63	363.8*	936.2	3400
		11-19-63	253.2	1028.8	4104	01S/03W-03R01 S	1302.0**	7-30-63	363.8*	936.2	
		11-26-63	253.9	1028.1				8-30-63	370.9*	931.1	
		11-29-63	253.0	1028.0	4104			9-25-63	275.1	1026.9	
		12-18-63	254.7	1025.3				11-23-63	272.3	1029.7	
		2-25-64	254.9	1025.9	3230			12-27-63	357.1P	944.9	
		3-08-64	256.1	1027.9	4104			4-20-64	266.7	1035.3	
								5-27-64	366.8*	935.2	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

(CONT.)

(CONT.)

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dir. G. S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dir. G. S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA						Y-01*E0					
01S/03M-04B02 S	1296.0**	7-02-63	265.4	1030.6	4104	01S/03M-05J03 S	1192.6	4-06-64	187.8	1004.8	3230
		11-19-63	275.1	1020.9		01S/03M-06A05 S	1145.3	7-03-63	148.2	997.1	4104
		12-18-63	270.2	1025.8				11-22-63	155.3	990.0	
		3-08-64	269.7	1026.3				11-29-63	154.0	991.3	
		4-15-64	271.6	1024.4				12-18-63	152.6	992.7	
		4-23-64	270.9	1025.1				3-08-64	153.0	992.3	
01S/03M-04C01 S	1285.2	7-31-63	267.8	1017.4	3230			4-15-64	152.8	992.5	
		10-10-63	269.6	1016.6				4-23-64	152.8	992.5	
		11-26-63	269.9	1015.3				5-03-64	157.2	988.1	
		4-06-64	270.2	1015.0		01S/03M-06H01 S	1148.6	7-03-63	153.8	994.8	4104
01S/03M-04J01 S	1242.0	7-30-63	285.0P	957.0	3400			11-19-63	166.1	982.5	
		8-26-63	275.0P	967.0				11-29-63	158.8	989.8	
		9-25-63	218.0	1024.0				12-18-63	155.4	993.2	
		11-24-63	218.1	1023.9				3-08-64	155.3	993.3	
		12-27-63	217.6	1024.4				4-15-64	158.8	989.8	
		2-27-64	218.2	1023.8				4-25-64	156.8	991.8	
		3-27-64	218.2	1023.8				5-30-64	164.9	983.7	
		4-10-64	217.2	1024.8		01S/03M-06H03 S	1148.6	7-03-63	183.8P	964.8	4104
		4-20-64	217.7	1024.3				7-24-63	169.2P	979.4	
		5-27-64	222.5	1019.5				12-18-63	165.0	983.6	
01S/03M-04J03 S	1250.0**	7-02-63	216.1	1033.9	4104			2-17-64	156.6	992.0	
01S/03M-04N01 S	1194.0**	7-02-63	180.2	1013.8	4104	01S/03M-06K01 S	1132.0**	7-03-63	139.2	982.8	4104
		7-23-63	191.2P	1002.8				11-19-63	143.0	985.0	
		9-03-63	185.0	1009.0				11-29-63	141.7	990.3	
		11-19-63	191.2	1002.8				12-19-63	141.2	990.8	
		12-18-63	188.2	1005.9				3-08-64	142.2	985.9	
		4-15-64	189.9	1005.2				4-15-64	141.7	991.1	
		4-15-64	192.3	1006.6				5-30-64	143.5	988.5	
		4-25-64	192.9	1001.7				7-31-63	130.7	983.5	3230
		5-02-64	192.9	981.6		01S/03M-06M04 S	1114.2	10-10-63	131.1	983.1	
		5-02-64	190.9	1003.1				11-19-63	128.2	986.0	4104
		5-30-64	190.7	1003.3				11-26-63	126.5	987.7	3230
01S/03M-04R02 S	1242.2	11-26-63	220.0	1022.2	3230			11-29-63	126.0	988.2	4104
01S/03M-05J03 S	1192.6	7-31-63	181.2	1011.4	3230			12-19-63	126.5	987.7	
		10-10-63	185.2	1007.4				2-25-64	128.1	986.1	3230
		11-26-63	186.6	1006.0				4-06-64	125.6	988.6	
		2-25-64	187.2	1005.4				4-15-64	126.1	988.1	4104
		(CONT.)						(CONT.)			

* Questionable measurement

P Pumping measurement

A Air gauge measurement

** Approximate ground surface elevation

TABLE C-3
GROUND WATER LEVELS AT WELLS

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
UPPER SANTA ANA HYDRO SUBUNIT						UPPER SANTA ANA HYDRO SUBUNIT					
BUNKER HILL HYDRO SUBAREA						BUNKER HILL HYDRO SUBAREA					
Y-01-E0						Y-01-E0					
01S/03W-06H04 S	1114.2	(CONT.) 4-25-64 5-30-64	126.6 132.3	987.6 981.9	4104	01S/03W-15A01 S	1315.0**	11-24-63 12-26-63 2-28-64 3-30-64 4-07-64 5-28-64 6-29-64	214.1 211.0 213.2 213.6 212.1 211.5 216.2	1100.9 1104.0 1101.8 1101.4 1106.9 1103.5 1098.8	3400
01S/03W-09E02 S	1198.0**	7-30-63 8-26-63 9-25-63 2-27-64 3-27-64 4-06-64 5-27-64 6-27-64	189.3P 195.0P 194.8 199.1 198.2 200.8 192.5	1008.7 1003.0 998.9 998.2 997.2 1005.5	3400	01S/03W-15F01 S	1282.0**	8-27-63 9-26-63 11-24-63 3-30-64 4-06-64 4-20-64 5-28-64	226.7P 201.3 200.7 198.3 197.8 197.9 199.6	1055.3 1080.7 1081.3 1089.7 1088.2 1084.1 1082.4	3400
01S/03W-10D01 S	1265.0	7-30-63 8-26-63 9-25-63 11-19-63 12-27-63 2-27-64 3-27-64 4-06-64 5-27-64 6-27-64	233.0P 235.2P 236.7P 242.6 236.4 237.3P 238.5P 236.4 253.2 239.5	1022.0 1028.8 1028.3 1012.4 1018.3 1025.6 1021.8 1026.8 1025.5 1001.8	3400	01S/03W-15M03 S	1334.6	7-31-63 8-27-63 9-27-63 11-26-63 12-26-63 3-30-64 4-07-64 6-28-64	250.1 256.1P 261.1 262.3 266.5 250.2 249.3 279.1P	1084.5 1084.5 1084.5 1082.3 1084.1 1084.4 1085.3 1055.5	3400
01S/03W-14P01 S	1429.0	8-27-63 9-26-63 12-26-63	332.1P 310.6 310.4	1096.9 1118.4 1118.6	3400	01S/03W-15R01 S	1394.0	7-31-63 8-27-63 9-26-63 11-28-63 2-07-64 5-28-64 6-29-64	289.5 311.0P 289.7 289.7 288.1 289.4 292.5	1104.5 1083.0 1101.3 1105.9 1105.6 1104.6 1101.5	3400
01S/03W-14R01 S	1481.0	8-27-63 9-26-63 11-28-63 12-26-63 3-30-64 4-06-64 6-29-64	371.7P 364.4P 337.5 364.8* 335.2 334.5 373.2*	1109.3 1116.6 1143.5 1116.2 1145.8 1146.5 1107.8	3400	01S/03W-16J02 S	1303.1	8-27-63 9-26-63 11-28-63 12-26-63 3-30-64 4-07-64 6-29-64	251.5P 237.2 234.7 248.2P 232.2 231.6 238.9	1051.6 1053.9 1066.4 1054.9 1070.9 1071.5 1064.2	3400
01S/03W-15A01 S	1315.0**	7-31-63 8-27-63 9-26-63	207.5 210.0 211.9	1107.5 1105.0 1103.1	3400	01S/03W-16K02 S	1291.0	10-25-63	178.9	997.0	3847
(CONT.)						(CONT.)					

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

(CONT.)

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev. In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data	State Well Number	G.S. Elev. In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
UPPER SANTA ANA HYDRO SUBUNIT						Y-01*E0					
BUNKER HILL HYDRO SUBAREA											
01S/03W-17C03 S	1175.9	(CONT.)	181.5	996.4	3847	01S/03W-19J02 S	1160.4	8-28-63	195.2*	965.2	3400
		9-12-63	183.4	992.5				9-27-63	173.5	986.9	
		10-14-63	181.9	994.0				11-30-63	170.7	989.7	
		11-18-63	181.7	994.2				12-30-63	185.0*	975.4	
		12-16-63	179.2	996.7				3-30-64	177.6	987.8	
		1-13-64	181.0	994.9				4-07-64	178.3	982.1	
		2-17-64	178.2	997.7				01S/03W-20F01 S	1192.0	1001.8	3400
		3-16-64	180.3	995.6				11-28-63	188.6	1003.4	
		4-13-64	180.3	995.6				12-26-63	196.1	995.9	
		5-18-64	180.5	995.4				2-28-64	196.0	996.0	
		6-15-64	182.3	993.6				3-30-64	191.6	1000.2	
		7-31-63	DRY		3400			4-07-64	188.5	1003.5	
		8-27-63	DRY					6-28-64	198.5P	993.5	
		9-29-63	DRY					01S/03W-20P01 S	1194.0	973.1	3400
01S/03W-17H03 S	1203.7	7-31-63	198.2	1005.5	3400			7-31-63	220.9	973.1	3400
		8-27-63	201.0	1002.7				8-27-63	220.2	973.8	
		9-26-63	199.7	1004.0				9-26-63	199.4	994.6	
		12-26-63	201.3	1002.4				11-28-63	197.5	996.5	
		2-28-64	204.5	999.2				12-26-63	202.6	971.4	
		7-31-63	210.6P	978.2	3400			2-28-64	207.3	986.7	
		8-27-63	212.6P	976.2				3-30-64	197.6	996.4	
		11-28-63	195.1	993.7				4-07-64	195.2	998.8	
		4-07-64	193.9	994.9				5-28-64	216.5	977.5	
		5-28-64	202.5	986.3				6-28-64	226.0	968.0	
01S/03W-18H01 S	1153.9	9-26-63	179.0	974.9	3400	01S/03W-21E02 S	1243.0**	8-27-63	204.5P	1038.5	3400
		11-24-63	175.6	978.3				9-26-63	187.5	1055.5	
		2-28-64	174.6	979.3				11-28-63	182.8	1060.2	
		3-30-64	175.3	978.6				12-26-63	203.9P	1039.1	
		4-07-64	175.0	978.9				3-30-64	180.6	1062.4	
		5-29-64	177.7	976.2				4-07-64	177.5	1065.5	
		6-27-64	178.4	975.5				6-28-64	209.7P	1033.3	
01S/03W-19G02 S	1134.4	7-31-63	151.0	983.4	3400	01S/03W-21H01 S	1318.1	7-30-63	280.0P	1038.1	5203
		8-28-63	164.0	970.4				8-28-63	246.0P	1038.1	
		9-27-63	161.3	973.1				8-31-63	279.0P	1039.1	3400
		11-24-63	159.3	975.1				9-26-63	258.6	1059.5	
		3-26-64	174.1*	960.3				9-29-63	260.0	1058.1	5203
		4-07-64	169.9*	964.5				10-24-63	252.0	1066.1	
		6-27-64	210.5*	923.9				11-26-63	249.0	1069.9	
								12-26-63	246.4	1071.7	
								12-26-63	255.4	1062.7	3400
								1-23-64	245.0	1073.1	5203
								(CONT.)			

** Approximate ground surface elevation

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Agency Supplying Data
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA														
Y-01*E0														
01S/03W-21H01 S	1318*1	(CONT.)	249*5	5203	01S/03W-28E03 S	1250*8	12-30-63	148*6	Y-01*E2	3400	1102*2	3400	Y-01*E0	3400
		2-24-64	1068*6	5203			7-29-63	251*0*			1057*0	1057*0		5203
		2-28-64	1065*8	3400			8-23-63	263*0P			1045*0	1045*0		
		3-24-64	1070*1	5203			9-27-63	223*0			1084*2	1084*2		
		3-30-64	1048*0	3400			10-24-63	223*0			1085*0	1085*0		
		4-07-64	248*0	1070*1			11-26-63	223*0			1085*4	1085*4		
		4-08-64	250*0	1068*1			12-26-63	248*6P			1083*0	1083*0		
		5-25-64	271*0P	1047*1			1-23-64	225*0			1081*0	1081*0		
		5-28-64	258*0	1060*1			2-24-64	227*0			1091*0	1091*0		
		6-24-64	277*0P	1041*1			3-24-64	216*0			1092*0	1092*0		
		6-28-64	260*9	1057*2			4-08-64	209*0			1028*3	1028*3		
		7-29-63	286*0P	1033*0			5-25-64	279*7P			1044*0*	1044*0*		
		8-06-63	314*0P	1007*0			6-24-64	204*0*			1098*5	1098*5		3400
		8-26-63	315*0P	1004*0			7-31-63	98*9			1098*6	1098*6		
		9-26-63	283*8P	1035*2			8-28-63	98*8			1098*7	1098*7		
		10-24-63	252*3	1066*7			9-27-63	98*7			1098*9	1098*9		
		11-20-63	252*3	1066*7			11-30-63	98*5			1098*4	1098*4		
		12-26-63	247*5	1071*5			12-30-63	99*0			1098*2	1098*2		
		1-23-64	246*5	1072*5			2-25-64	99*2			1098*3	1098*3		
		2-24-64	269*0P	1050*0			3-26-64	99*1			1098*6	1098*6		
		3-28-64	249*5	1070*0			4-07-64	98*8			1097*4	1097*4		
		5-05-64	268*0P	1079*5			5-28-64	100*0			1097*0	1097*0		
		6-24-64	288*5P	1030*5			6-27-64	100*4						
01S/03W-23A02 S	1495*8	2-07-64	314*4	1181*4	01S/03W-29H01 S	1235*8	11-30-63	DRY			3400	3-26-64	DRY	
		4-20-64	309*9	1185*9			3-26-64	DRY				4-27-64	DRY	
01S/03W-23A03 S	1475*0**	8-27-63	359*5P	1115*5	01S/03W-29L01 S	1183*4	7-31-63	53*6			3400	8-28-63	53*0	
		9-26-63	329*8	1145*2			8-28-63	53*0				9-27-63	52*4	
		11-28-63	330*4	1144*6			11-24-63	52*6				11-24-63	53*3	
		12-26-63	351*6P	1123*4			12-31-63	53*3				2-25-64	53*1	
		2-07-64	331*3	1143*7			3-26-64	DRY				4-07-64	54*5	
		3-30-64	328*6	1146*4			5-28-64	DRY				6-27-64	52*1	
		4-07-64	328*0	1147*0										
		4-20-64	331*0	1144*0										
		5-28-64	331*8	1143*2										
01S/03W-28E02 S	1249*0	9-27-63	188*9	1060*1	01S/03W-30A01 S	1163*9	7-31-63	122*7			3400	1041*2	3400	
		11-24-63	185*7	1063*3			(CONT.)							
		2-25-64	185*5	1063*5										
		3-26-64	189*1	1059*9										
		4-07-64	182*0	1067*0										

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA		SANTA ANA RIVER HYDRO UNIT		UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA		SANTA ANA RIVER HYDRO UNIT					
State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
Y-01•E0		Y-01•E2		Y-01•E0		Y-01•E0		Y-01•E0		Y-01•E2	
(CONT.)											
01S/03W-30A01 S	1163.9	8-28-63 9-27-63 2-25-64	123.6 124.6 124.1	1040.3 1040.3 1039.8	3400	01S/04W-01A06 S	1090.8	7-04-63 8-05-63 9-05-63 11-01-63 12-05-63 1-03-64 2-13-64 3-05-64 4-03-64 5-01-64 6-04-64	85.9 93.8 88.4 94.1 89.7 90.4 91.8 91.2 92.1 93.2 95.5	1004.9 997.0 1003.4 996.7 1001.2 1000.4 999.0 999.6 997.6 998.7 995.3	5720
01S/03W-31A03 S	1202.9	7-31-63 8-28-63 9-27-63 11-28-63 12-30-63 2-25-64 3-26-64 4-07-64 5-29-64 6-27-64	221.4 229.0 229.0 201.9 204.9 209.9 204.4 199.4 220.8* 221.0	981.5 973.9 992.9 1001.0 998.0 993.0 998.5 1003.5 982.1 981.9	3400	01S/04W-01B04 S	1096.8	8-07-63 10-04-63 11-29-63 12-18-63 3-08-64 4-15-64 4-23-64 5-02-64 5-30-64	131.6P 123.7P 114.0 116.3 125.3 125.3 129.3 126.6 129.6	965.2 973.1 982.8 980.5 971.5 971.5 971.5 968.9	4104
01S/03W-31A06 S	1205.0**	11-28-63 12-30-63 3-26-64 4-07-64 6-27-64	203.3 183.7 203.3 198.0 220.5	1001.7 1021.3 1001.7 1007.0 984.5	3400	01S/04W-01E01 S	1069.0	7-04-63 7-11-63 8-01-63 8-16-63 9-06-63 9-13-63 10-04-63 10-18-63 11-01-63 11-15-63 12-06-63 12-13-63 1-03-64 1-17-64 2-08-64 2-14-64 3-06-64 3-13-64 4-03-64 4-17-64	132.3P 135.2P 135.0P 134.9P 132.6P 136.3P 129.9P 130.0P 128.3P 128.3P 84.6 84.6 89.0 91.0 128.9P 126.3P 127.9P 89.0 84.6 130.6P	939.7 932.8 933.0 935.4 931.7 938.1 938.0 939.7 939.7 983.4 983.4 975.0 977.0 939.4 936.3 940.1 979.0 983.4 937.4	5720
01S/03W-32D01 S	1206.2	11-03-63 11-30-63 12-31-63 1-26-64 2-26-64 3-26-64 4-07-64 5-29-64 6-27-64	203.4 199.5 196.9 197.1 197.7 195.3 193.2 200.6 205.6	1002.8 1006.7 1009.3 1009.1 1008.5 1010.9 1013.0 1005.6 1000.6	3400						
01S/03W-32G03 S	1240.2	7-31-63 9-27-63 3-26-64 5-29-64 6-27-64	175.7 159.9 158.5 171.1 175.8	1064.5 1080.3 1081.7 1069.1 1064.4	3400						
01S/04W-01A01 S	1110.0	8-26-63 9-25-63 11-24-63 1-26-64 4-06-64 5-27-64	120.2 121.5 120.7 119.5 119.4 126.0	989.8 988.5 989.3 990.5 990.6 994.0	3400						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Stone Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	SANTA ANA RIVER HYDRO UNIT			Stone Well Number	G. S. Elev. in Feet	Depth	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
						Y-01-E0	Y-01-E2	Y-01-E0						
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA														
(CONT.)														
01S/04W-01E01 S	1068.0	5-01-64	130.6P	937.4	5720	01S/04W-01U01 S	1091.0	11-19-63	119.0	972.0	Y-01-E2	975.2	5051	
		5-15-64	128.3P	939.7				12-18-63	115.8	950.7		950.7		
		6-05-64	135.3P	932.7				1-17-64	140.3P	951.3		951.3		
		6-12-64	135.2P	932.8				3-17-64	118.2	977.8		975.5		
		6-26-64	138.4P	929.6				4-17-64	115.5	975.5		975.5		
01S/04W-01E02 S	1070.0**	7-01-63	140.2P	929.8	4104			5-19-64	147.6P	943.4		938.3		
		7-23-63	145.0P	925.0				6-19-64	152.7P	938.3		938.3		
		9-03-63	119.6P	950.4				7-04-63	141.2P	930.8		930.8	5720	
		10-04-63	128.2P	941.8				7-19-63	140.6P	931.4		931.4		
		12-18-63	128.1P	941.9				8-01-63	143.6P	928.4		928.4		
		3-08-64	132.9*	937.1				8-16-63	143.9P	928.1		928.1		
		4-25-64	122.1	947.9				9-06-63	140.6P	931.4		931.4		
		5-02-64	131.2P	938.8				9-13-63	146.9P	925.1		925.1		
		5-30-64	121.5	948.5				10-04-63	139.6P	938.4		938.4		
01S/04W-01H04 S	1108.0	7-31-63	107.1	1000.9	3230			10-18-63	132.3*	939.7		939.7		
		10-10-63	108.2	999.8				11-01-63	134.9P	937.1		937.1		
		11-26-63	108.9	999.1				11-15-63	134.0P	936.0		936.0		
		4-06-64	109.9	998.1				12-06-63	114.6	957.4		957.4		
01S/04W-01H07 S	1100.0**	11-19-63	122.4	977.6	4104			12-13-63	125.9P	946.1		946.1		
		11-29-63	118.1	981.9				1-03-64	121.9	958.1		958.1		
		1-11-64	123.9	976.1				2-07-64	126.9P	949.1		949.1		
		3-08-64	122.4	977.6				2-14-64	127.3P	948.7		948.7		
		4-15-64	123.5	976.5				3-06-64	129.3P	948.7		948.7		
		4-25-64	123.3	976.7				3-13-64	119.3	952.7		952.7		
		5-30-64	129.8	970.7				4-03-64	117.3	956.7		956.7		
01S/04W-01K04 S	1092.0	7-01-63	118.2P	973.8	4104			4-17-64	134.3P	937.7		937.7		
		7-23-63	160.8P	931.2				5-01-64	130.3P	941.7		941.7		
		11-19-63	108.5	983.5				5-15-64	139.8P	932.2		932.2		
		11-29-63	106.9	985.1				6-05-64	143.6P	928.4		928.4		
		4-15-64	104.8	983.2				6-12-64	143.6P	928.4		928.4		
		4-25-64	109.2	982.8				7-01-63	108.0	979.0	4104	979.0		
		5-02-64	109.2	982.8				7-01-63	117.4P	969.6		969.6		
		5-30-64	113.9	978.1				11-19-63	110.2	976.8		976.8		
01S/04W-01U01 S	1091.0	7-20-63	151.7P	939.3	5051			11-29-63	113.1	973.9		973.9		
		8-20-63	151.7P	939.3				1-11-64	111.0	976.0		976.0		
		9-20-63	152.9P	938.1				3-08-64	112.1	975.9		975.9		
		10-18-63	123.8	967.2				4-15-64	111.8	975.2		975.2		
		(CONT.)						7-30-63	115.1	978.2		978.2	3400	
								8-26-63	116.4	976.9		976.9		
								(CONT.)						

* Questionable measurement

P Pumping measurement

A Air gauge measurement

** Aggregations of hydrologic data

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
UPPER SANTA ANA HYDRO SUBUNIT											
BUNKER HILL HYDRO SUBAREA											
Y-01.E0							Y-01.E0				
01S/O4W-02K01 S	1093.3	9-25-63	117.4	975.9	3400	01S/O4W-02K03 S	1053.2	6-23-64	114.9	938.3	3230
(CONT.)		11-26-63	118.4	974.9		01S/O4W-02L02 S	1050.0	7-12-63	112.9	937.1	5204
		12-27-63	118.9	974.4				8-01-63	115.0	935.0	
		1-26-64	118.9	974.4				8-16-63	118.0	932.0	
		2-26-64	119.0	974.4				8-30-63	119.6	930.4	
		3-27-64	119.5	973.8				9-13-63	117.3	932.7	
		4-06-64	119.5	973.8				10-04-63	109.9	940.1	
		5-27-64	120.8	972.5				10-18-63	100.0	950.0	
		6-27-64	121.9	971.4				11-01-63	107.0	943.0	
01S/O4W-02K01 S	1056.3	7-26-63	112.1	944.2	3230			11-15-63	105.9	944.1	
		9-18-63	119.3	937.0				11-29-63	88.0	962.0	
		10-15-63	122.4	933.9				12-13-63	96.3	953.7	
		12-03-63	95.1	961.2				1-10-64	101.6	948.4	
		1-23-64	98.4	957.9				2-14-64	95.9	954.1	
		2-20-64	100.8	955.5				3-13-64	98.3	951.7	
		3-19-64	114.8*	941.9				4-10-64	100.3	949.7	
		4-18-64	100.1	956.2				5-01-64	101.3	943.7	
		5-22-64	118.3	938.0				5-15-64	106.9	943.1	
01S/O4W-02K02 S	1057.8	7-26-63	103.8	956.0	3230	01S/O4W-02L07 S	1046.0	7-04-63	93.6P	954.4	5720
		10-15-63	98.0	959.0				7-11-63	92.7P	955.3	
		11-13-63	92.8	965.0				8-01-63	96.0P	952.0	
		12-03-63	84.0	973.8				8-16-63	97.7P	950.3	
		1-23-64	85.8	972.0				9-06-63	92.0P	956.0	
		2-20-64	88.2	969.6				9-13-63	98.3P	949.7	
		3-19-64	93.2*	964.6				10-04-63	90.7P	957.3	
		4-08-64	84.8	973.0				10-11-63	92.6P	955.4	
		5-22-64	99.4	958.4				11-01-63	89.0P	959.0	
		6-23-64	102.5	955.3				11-15-63	87.6P	960.4	
01S/O4W-02K03 S	1053.2	7-26-63	131.5*	921.7	3230			12-06-63	51.6	996.4	
		9-18-63	107.9	945.3				12-13-63	78.6P	969.4	
		10-15-63	111.4	941.8				1-03-64	80.6P	967.4	
		11-13-63	105.3	947.9				1-17-64	83.0P	965.0	
		12-03-63	89.4	963.8				2-08-64	57.3	990.7	
		1-23-64	94.9	958.3				2-14-64	58.6	989.4	
		2-20-64	90.9	954.3				3-06-64	82.6P	965.4	
		3-19-64	106.9*	948.3				3-13-64	82.0P	966.0	
		4-08-64	92.9	960.3				4-03-64	57.7	990.3	
		5-22-64	110.9	942.3				4-17-64	81.3P	960.7	
(CONT.)								5-01-64	65.3	984.7	
								5-15-64	81.7P	960.3	
								6-01-64	93.7P	952.3	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	SANTA ANA RIVER HYDRO UNIT		
												Y-01-E0	Y-01-E0	Y-01-E?
UPPER SANTA ANA HYDRO SUBUNIT												UPPER SANTA ANA HYDRO SUBUNIT		
BUNKER HILL HYDRO SUBAREA												BUNKER HILL HYDRO SUBAREA		
01S/04W-02L07 S	1048.0	6-12-64	95.0P	953.0	5720	01S/04W-02N13 S	1040.0**	5-30-64	102.5	970.0	943.0	4104	Y-01-E?	
01S/04W-02M01 S	1048.6	7-31-63	73.6	975.0	3230	01S/04W-02N14 S	1039.0	7-01-63	96.1*	942.9	942.9	4104		
		11-26-63	73.5	975.1				10-04-63	95.3*	943.7				
		2-25-64	74.2	974.4				11-19-63	90.1*	948.9				
		4-06-64	75.0	973.6				11-29-63	76.2	962.8				
01S/04W-02N01 S	1037.0	7-01-63	62.4	974.6	4104			12-18-63	86.3	956.7				
		10-04-63	66.4	970.6				3-08-64	88.7	950.3				
		11-19-63	66.4	970.6				4-15-64	89.6	949.4				
		12-29-63	66.6	970.4				4-25-64	89.4	949.6				
		3-08-64	67.6	969.4				5-30-64	94.1	946.9				
		4-13-64	68.2	968.6										
		4-20-64	68.0	969.0										
		5-30-64	69.0	968.0										
01S/04W-02N02 S	1060.1	7-12-63	103.6*	936.5	5204	01S/04W-02P02 S	1037.6	7-12-63	107.0*	930.6	5204			
		8-01-63	106.0*	934.1				8-01-63	105.3*	928.3				
		8-16-63	108.6*	931.5				8-16-63	112.0*	925.6				
		8-30-63	109.0*	931.1				8-30-63	112.6*	925.0				
		9-13-63	108.0*	932.1				9-13-63	111.0*	926.6				
		10-04-63	99.0*	940.2				10-04-63	103.0*	934.6				
		10-18-63	99.9*	942.8				10-18-63	106.0*	933.6				
		11-01-63	97.8*	942.8				11-01-63	101.6*	935.0				
		11-15-63	96.0*	944.1				11-15-63	100.6*	937.0				
		11-29-63	80.0	960.1				11-29-63	92.6	939.0				
		12-13-63	87.3	952.8				12-13-63	92.6	946.7				
		1-10-64	92.9*	947.2				1-10-64	90.9*	947.7				
		2-14-64	87.0	953.1				2-14-64	89.9	947.7				
		3-13-64	91.3	948.8				3-13-64	93.9	943.7				
		4-10-64	91.3	948.8				4-10-64	94.0	943.6				
		5-01-64	92.6	947.5				5-01-64	96.3	941.3				
		5-15-64	96.6	943.5				5-15-64	101.0	936.6				
		6-19-64	107.0*	933.1				6-19-64	111.6*	926.0				
01S/04W-02N13 S	1060.0**	7-01-63	103.5	936.5	4104	01S/04W-02P03 S	1040.5	7-12-63	106.0*	934.5	5204			
		10-04-63	103.0	937.0				8-01-63	108.9*	931.6				
		11-19-63	97.3	942.7				8-16-63	111.0*	929.5				
		11-29-63	82.3	957.7				8-30-63	112.6*	927.9				
		12-08-63	90.0	950.0				9-13-63	111.0*	929.5				
		4-15-64	97.0	943.3				10-04-63	102.0*	938.5				
								10-18-63	103.9*	936.6				
								11-01-63	100.9*	939.6				
								11-15-63	98.9*	941.6				
								11-29-63	80.6	959.9				
								12-13-63	89.9	950.6				
								1-10-64	95.0*	945.5				
								(CONT.)						

A. Air-gauge measurement

P. Pumping measurement

** Refer sample for details, etc., in well log.

* G. S. elev. in feet

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA Y-01-E0											
01S/04W-02P03 S	1040.5	(CONT.)	89.3	951.2	5204	01S/04W-02P06 S	1047.0**	11-01-63	124.9P	922.1	5720
		2-14-64	93.0	947.5				11-15-63	120.9P	926.1	
		3-13-64	93.3	947.2				12-06-63	89.6	957.4	
		4-10-64	93.3	947.2				12-13-63	110.6P	936.4	
		5-01-64	95.6	944.9				1-03-64	113.6P	933.4	
		5-15-64	99.9	940.6				1-17-64	117.0P	930.0	
		6-19-64	111.0*	929.5				2-08-64	97.3	949.7	
								2-14-64	97.6	949.4	
01S/04W-02Q05 S	1055.5**	7-01-63	122.3*	933.2	4104			3-06-64	112.3*	934.7	
		7-04-63	126.7P	918.7	5720			3-13-64	101.3	945.7	
		7-19-63	123.9P	921.5				4-03-64	96.6	950.4	
		8-01-63	123.2P	922.2				4-17-64	121.6P	925.4	
		8-16-63	126.3P	919.1				9-01-64	103.6	953.4	
		9-06-63	127.9P	917.5				9-15-64	124.0P	912.0	
		10-04-63	130.9P	914.3				6-02-64	129.6P	916.6	
		10-08-63	120.6P	924.6				6-12-64	129.6P	917.6	
		10-18-63	126.6P	924.6				6-26-64	134.9P	912.1	
		11-15-63	119.9P	919.5							
		11-16-63	119.3P	926.1							
		12-06-63	85.9	959.5							
		12-13-63	107.0P	938.4							
		1-03-64	96.6	948.8							
		1-17-64	98.6	946.8							
		2-08-64	104.3P	941.1							
		2-14-64	106.3P	939.1							
		3-06-64	114.3P	931.1							
		3-13-64	109.6P	935.6							
		4-03-64	107.6P	937.8							
		4-17-64	114.9P	930.5							
		5-01-64	115.5P	929.9							
		5-15-64	116.7P	928.7							
		6-05-64	134.6P	910.8							
		6-12-64	120.1P	925.3							
		6-26-64	135.5P	909.9							
01S/04W-02P06 S	1047.0**	7-04-63	126.6P	920.4	5720						
		7-19-63	123.6P	923.4							
		8-01-63	129.6P	917.4							
		8-16-63	130.6P	916.4							
		9-06-63	132.0P	914.0							
		10-04-63	125.9P	921.0							
		10-18-63	125.9P	921.1							
		10-26-63	127.3P	919.7							
		(CONT.)									
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA Y-01-E2											
		7-04-63	126.6P	920.4	5720						
		7-19-63	123.6P	923.4							
		8-01-63	129.6P	917.4							
		8-16-63	130.6P	916.4							
		9-06-63	132.0P	914.0							
		10-04-63	125.9P	921.0							
		10-18-63	125.9P	921.1							
		10-26-63	127.3P	919.7							
		(CONT.)									

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Sampling Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Sampling Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA Y-01-E2											
015/04W-02004 S	1057.5	7-01-63	124.1P	933.4	4104	015/04W-02008 S	1055.0**	7-23-63	138.3P	916.7	4104
		9-03-63	136.6P	920.9				9-03-63	115.9P	939.1	
		12-18-63	130.2P	927.3				10-04-63	133.7P	921.3	
		5-02-64	213.6*	863.9				11-29-63	92.4	962.6	
		5-02-64	111.5	946.0				12-18-63	101.1	953.9	
		7-24-63	135.0P	920.5	4104			3-08-64	107.7	967.5	
		9-03-63	114.2P	941.3				4-15-64	111.0	944.0	
		11-29-63	95.3	960.2				5-02-64	118.3P	936.5	
		12-18-63	104.6	950.9				6-13-64	133.8P	921.2	
		3-08-64	111.9	943.6				6-27-64	140.7P	914.3	
		4-15-64	117.8	937.7				015/04W-03001 S	1096.4		3230
		4-25-64	120.8	934.7							
		5-02-64	112.2	943.3				8-01-63	111.2	985.2	
		7-01-63	131.0P	921.0	5720			10-11-63	112.2	984.2	
		7-19-63	118.6	933.4				11-27-63	110.9	985.5	
		8-01-63	134.5P	917.5				2-25-64	112.0	984.4	
		8-16-63	141.9P	910.1				4-07-64	112.0	984.4	
		9-06-63	134.3P	917.7				015/04W-03401 S	1054.0**	962.3	3230
		9-13-63	141.0P	911.0							
		10-04-63	131.0P	921.0				015/04W-05003 S	1176.0		3230
		10-18-63	134.0P	918.0							
		11-01-63	128.0P	924.0							
		11-15-63	126.3P	925.7				11-27-63	186.8	989.2	
		12-06-63	96.0	956.0				2-27-64	183.8	992.7	
		12-13-63	103.9	948.1				4-07-64	186.6	989.4	
		1-09-64	117.9P	934.1				015/04W-05E05 S	1160.0**		4124
		2-08-64	119.6P	932.4							
		2-08-64	113.6P	938.4				7-10-63	175.6P	984.4	
		3-06-64	117.9P	936.1				8-01-63	178.3P	981.7	
		3-13-64	115.9P	936.1				8-01-63	185.7*	994.7	
		4-03-64	112.9P	939.1				12-01-63	189.0*	997.3	
		4-17-64	122.5P	929.5				1-03-64	177.0P	983.0	
		5-01-64	119.3P	932.7				1-03-64	200.0P	960.0	
		5-15-64	128.6P	923.4				2-06-64	200.0P	960.0	
		6-05-64	119.9P	932.1				3-04-64	200.0P	960.0	
		6-12-64	134.0P	918.0				4-07-64	189.0P	971.0	
		6-26-64	140.3P	911.7				6-02-64	205.5P	954.5	
		7-01-63	118.5*	936.5	4104			7-10-63	244.9P	915.1	4124
		8-01-63	134.3P	913.7				8-01-63	246.3P	913.7	
		9-01-63	139.0P	911.7				9-01-63	271.3P	888.7	
		(CONT.)						(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State-Well Number	G.S. Elev. in Feet	Date	Unit G.S. Water Surface In Feet	Water Surface Elev. in Feet	Agency Supplying Data	State-Well Number	G.S. Elev. in Feet	Date	Unit G.S. Water Surface In Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-000											
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA						Y-01-E0					
01S/04W-06H01 S	1160.0	(CONT.)	Y-01-E0	994.0	4124	01S/04W-08F02 S	1104.4	8-01-63	167.7	936.7	3230
		12-01-63	206.0P	945.0				10-11-63	161.7	942.7	
		1-02-64	201.5*	956.5				11-27-63	150.4	954.0	
		2-04-64	175.5*	984.5				2-27-64	148.1	956.3	
		3-04-64	175.5*	984.5				4-07-64	152.1	952.3	
		4-07-64	175.5*	984.5							
		6-02-64	223.5P	930.5							
01S/04W-06J01 S	1160.0**	7-10-63	213.2P	946.8	4124	01S/04W-08F05 S	1094.9	3-31-64	151.6A	983.3	4201
		9-01-63	181.5*	978.7				4-06-64	136.6A	983.3	
		9-01-63	175.5*	984.5				4-30-64	147.8A	967.3	
		10-01-63	168.6*	991.4				5-28-64	169.6A	925.3	
		12-01-63	169.0*	991.0							
		1-02-64	163.0*	997.0							
		2-04-64	230.0*	930.0							
		3-04-64	230.0*	930.0							
		4-07-64	168.0*	992.0							
		6-02-64	178.0*	982.0							
01S/04W-06J02 S	1160.4	7-10-63	169.7*	990.7	4124	01S/04W-08F10 S	1096.8	7-26-63	174.6*	922.2	4201
		8-01-63	177.7*	987.7				8-27-63	174.6*	922.2	
		9-01-63	171.5*	988.9				9-30-63	165.0*	931.8	
		10-01-63	174.7*	986.7				10-30-63	150.4*	946.4	
		12-01-63	172.6*	987.8				11-29-63	141.6	955.2	
								1-06-64	138.1	958.7	
								2-03-64	143.6	953.7	
								3-02-64	141.3	955.5	
								3-21-64	153.6*	943.2	
								4-06-64	138.6	958.2	
								4-30-64	147.6	949.7	
								5-28-64	169.6*	927.2	
01S/04W-08A01 S	1093.9	8-01-63	110.7	983.2	3230	01S/04W-08A01 S	1075.5	7-26-63	142.6*	933.5	4201
		10-01-63	111.0	982.9				8-27-63	139.2	936.3	
		12-01-63	110.1	982.0				9-30-63	136.6	938.9	
		2-27-64	111.4	982.2				11-29-63	113.6	959.9	
		4-07-64	111.3	982.6				1-06-64	113.6	961.9	
								2-03-64	115.6	959.9	
								3-07-64	118.6	956.9	
								3-31-64	120.6	954.9	
								4-06-64	116.6	958.9	
								4-30-64	123.6	951.9	
								5-28-64	132.6	942.9	
01S/04W-08C01 S	1106.3	7-26-63	162.7	943.6	4201	01S/04W-08A03 S	1074.4	8-01-63	145.0*	929.4	3230
		8-27-63	165.3	941.0				10-11-63	137.5	936.9	
		9-30-64	157.7	948.6				11-29-63	124.0	950.4	
		10-30-63	144.7	961.6				2-27-64	120.0	954.4	
		11-29-63	139.7	966.6				(CONT.)			
		1-06-64	142.2	964.1							
		2-03-64	144.2	962.1							
		3-02-64	147.7	958.6							
		3-31-64	156.7	949.6							
		4-06-64	141.7	964.6							
		4-30-64	145.7	960.6							
		5-28-64	162.7	943.6							

** Approximate ground surface elevation

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Well ID	Date	Dist. G.S. Surface Elevation (Feet)	Water Surface Elevation (Feet)	Agency Supplying Data	Well ID	Date	Dist. G.S. Surface Elevation (Feet)	Water Surface Elevation (Feet)	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00									
UPPER SANTA ANA HYDRO SUBUNIT Y-01-E0					UPPER SANTA ANA HYDRO SUBUNIT Y-01-E0				
BUNKER HILL HYDRO SUBAREA									
01S/04W-08003 S	4-07-64	1174.4	958.1	3230	01S/04W-09J01 S	11-19-63	58.6	970.9	3230
01S/04W-08R01 S	3-31-64	1073.9	953.9	4201	01S/04W-09J01 S	11-29-63	58.0	971.5	
01S/04W-08R04 S	4-06-64	1075.7	957.9		01S/04W-09J01 S	2-19-64	58.7	970.8	
	5-28-64		942.9		01S/04W-09N01 S	3-19-64	60.0	969.5	
	7-26-63	140.8*	935.7	4201	01S/04W-09N01 S	9-30-63	74.5	988.5	4201
	8-27-63	133.8*	941.9		01S/04W-09N06 S	10-30-63	74.0	989.0	
	9-30-63	130.0*	949.7		01S/04W-09N06 S	11-29-63	73.0	990.0	
	10-30-63	122.6	929.1		01S/04W-09N06 S	1-06-64	73.0*	990.0	
	11-29-63	119.0	928.7		01S/04W-09N06 S	2-03-64	73.0	990.0	
	1-06-64	112.5	928.9		01S/04W-09N06 S	3-02-64	74.0	989.0	
	2-03-64	117.5	928.9		01S/04W-09N06 S	3-31-64	74.0	989.0	
	3-02-64	117.1	928.7		01S/04W-09N06 S	4-06-64	74.0	991.0	
	3-31-64	121.0	928.7		01S/04W-09N06 S	4-30-64	75.0	988.0	
	4-06-64	117.0	928.7		01S/04W-09N06 S	8-01-63	101.9	988.3	3230
	4-30-64	121.0	924.7		01S/04W-09N06 S	10-11-63	102.5	987.7	
	5-28-64	132.0	943.7		01S/04W-09N06 S	11-29-63	94.6	965.6	
01S/04W-08R05 S	7-26-63	139.0*	935.5	4201	01S/04W-09P01 S	2-27-64	95.3	964.6	
	8-27-63	132.8*	941.7		01S/04W-09P01 S	4-07-64	93.3	966.9	
	9-30-63	128.0*	946.5		01S/04W-09P01 S	7-26-63	81.4	971.0	3230
	10-30-63	122.0	952.5		01S/04W-09P01 S	9-19-63	81.9	971.0	
	11-29-63	114.0	950.5		01S/04W-09P01 S	10-19-63	81.8	970.6	
	1-06-64	113.7	960.8		01S/04W-09P01 S	11-19-63	80.0*	972.0	
	2-03-64	108.0	966.5		01S/04W-09P01 S	11-29-63	80.0	972.4	
	3-02-64	118.0	965.5		01S/04W-09P01 S	1-23-64	80.9	972.2	
	3-31-64	121.0	957.5		01S/04W-09P01 S	2-19-64	80.6	971.8	
	4-06-64	117.0	957.5		01S/04W-09P01 S	3-19-64	81.5	970.9	
	4-30-64	120.0	944.5		01S/04W-09P01 S	4-07-64	80.2	972.2	
	5-28-64	130.0	954.5		01S/04W-09P01 S	5-21-64	82.7	970.2	
01S/04W-09B01 S	8-02-63	86.9	983.0	3230	01S/04W-10C01 S	6-23-64	84.2	968.2	
	10-11-63	86.1	981.6		01S/04W-10C01 S	8-01-63	63.8	973.3	3230
	11-29-63	86.4	981.5		01S/04W-10C01 S	10-11-63	63.6	973.5	
	2-27-64	104.8*	969.1		01S/04W-10C01 S	11-29-63	62.9	974.4	
	4-7-64	104.1*	965.2		01S/04W-10C01 S	2-27-64	84.3	972.8	
01S/04W-09B03 S	2-24-64	179.9	891.7	3230	01S/04W-10F01 S	4-07-64	84.2	972.9	
01S/04W-09J01 S	7-26-63	130.4P	899.1	3230	01S/04W-10F01 S	7-26-63	135.0*	894.7	3230
	9-19-63	59.0	970.5		01S/04W-10F01 S	9-29-63	82.4	967.3	
	10-15-63	59.4	970.1		01S/04W-10F01 S	10-17-63	89.0	961.7	
					01S/04W-10F01 S	11-21-63	81.0	968.7	
					(CONT.)				

*** Approximate ground surface elevation

P Pumping measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA						Y-01.E0					
01S/04W-10F01 S	1029*7	11-27-63 (CONT.)	50*2	949*5	3230	01S/04W-11001 S	1034*4	8-16-63	102*3*	932*1	5204
		1-22-64	77*5	924*2				8-30-63	184*0*	930*4	
		2-20-64	98*5	918*2				10-05-63	192*8*	942*4	
		5-22-64	154*6	899*7				11-01-63	96*0	938*4	
		6-23-64	135*8*	894*1				11-01-63	92*9	941*5	
								11-15-63	82*9	941*5	
01S/04W-10F07 S	1022*0**	7-30-63	39*2	982*8	3400			12-13-63	86*3	952*1	
		8-26-63	39*9	982*1				1-10-64	91*9*	942*5	
		9-25-63	39*8	982*2				2-18-64	86*9	947*5	
		12-27-63	39*1	982*9				3-13-64	90*9*	943*5	
		3-27-64	41*3	980*7				4-10-64	87*9	946*5	
		4-06-64	40*8	981*2				5-01-64	93*0*	941*4	
		5-27-64	42*0	980*0				5-15-64	87*9	946*5	
		6-27-64	DRY					6-19-64	105*6*	928*8	
01S/04W-10J03 S	1025*6	7-31-63	69*3	956*3	3230	01S/04W-11D02 S	1034*5	7-12-63	116*6P	917*9	5204
		10-10-63	70*0	955*6				8-01-63	120*7P	913*8	
		11-26-63	69*4	956*2				8-16-63	118*7P	915*8	
								8-30-63	122*3P	912*2	
01S/04W-10N06 S	1001*4	7-26-63	98*8P	902*6	3230			9-13-63	116*0P	916*5	
		9-19-63	39*6	961*8				10-04-63	112*0P	922*5	
		10-15-63	40*3	961*1				10-16-63	119*0P	925*5	
		11-15-63	39*9	961*5				11-01-63	115*0P	921*8	
		11-29-63	38*3	962*1				11-29-63	105*6P	928*9	
		2-20-64	39*3	962*0				12-13-63	109*7P	924*8	
		3-19-64	41*7	959*7				1-10-64	112*7P	921*8	
		4-08-64	38*3	963*1				2-18-64	109*0P	925*5	
		5-21-64	42*3	959*1				3-13-64	111*3P	923*2	
01S/04W-10N09 S	1002*0**	7-30-63	36*3	965*7	3400			4-01-64	103*0P	931*5	
		8-26-63	37*3	964*7				5-01-64	114*3P	920*2	
		9-25-63	34*6	967*4				5-15-64	105*6P	928*9	
		11-24-63	34*5	967*5				6-12-64	121*7P	912*8	
		1-26-64	36*7	965*3							
		3-27-64	36*5	965*5				7-12-63	110*3P	923*0	5204
		4-06-64	36*1	965*9				8-01-63	115*0P	918*3	
		5-27-64	39*0	963*0				8-16-63	108*0P	925*3	
		6-27-64	40*3	961*7				8-30-63	108*0P	925*3	
01S/04W-11D01 S	1034*4	7-12-63	100*6*	933*8	5204	01S/04W-11D03 S	1033*3	7-12-63	110*3P	923*0	5204
		8-01-63	102*9*	931*5				8-01-63	115*0P	918*3	
								8-16-63	108*0P	925*3	
								8-30-63	108*0P	925*3	
								9-13-63	111*9P	921*4	
								10-04-63	103*3P	930*0	
								10-18-63	108*0P	925*3	
								11-01-63	103*9P	929*4	
								(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA					SANTA ANA RIVER HYDRO UNIT					UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA							
State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
01S/04W-11003 S	1033.3	(CONT.) 11-15-63	105.6P	927.7	5204	01S/04W-12B05 S	1089.3**	7-23-63	147.2P	942.1	Y-01.E2	01S/04W-12F02 S	1060.0**	8-02-63	97.3	962.7	4780
		11-29-63	97.9P	935.4				9-03-63	116.6P	972.7	Y-01.E2			3-03-64	70.3	989.7	
		12-13-63	101.3P	932.0				12-18-63	131.5P	957.8				5-30-64	125.8P	963.5	
		1-10-64	105.6P	927.7				3-08-64	132.7P	956.6				5-02-64	135.6P	953.7	
		2-14-64	100.4P	932.9				5-02-64	135.6P	953.7				5-30-64	125.8P	963.5	
		3-13-64	104.6P	928.7				5-30-64	125.8P	963.5				8-02-63	97.3	962.7	4780
		4-10-64	99.0P	934.3				8-02-63	97.3	962.7				3-03-64	70.3	989.7	
		5-01-64	106.3P	927.0				3-03-64	70.3	989.7				6-08-64	109.5*	950.5	
		5-15-64	86.0	947.3				6-08-64	109.5*	950.5				7-30-63	89.5	967.7	3400
		6-12-64	132.0P	901.3				7-30-63	89.5	967.7				8-26-63	95.4	961.8	
01S/04W-11004 S	1020.8	7-12-63	109.0*	911.8	5204	01S/04W-12M03 S	1057.2	8-26-63	95.4	961.8				9-25-63	96.4	960.8	
		11-01-63	100.0*	920.8				9-25-63	96.4	960.8				11-24-63	97.2	960.0	
		8-15-63	108.9*	911.9				2-26-64	99.2P	958.0				3-27-64	98.5	958.7	
		8-30-63	100.0*	920.8				4-06-64	98.3	958.9				5-27-64	99.5	957.7	
		9-13-63	101.0*	919.8				5-27-64	99.5	957.7				6-27-64	100.4	956.8	
		10-04-63	91.6	929.2				7-13-63	105.3	953.7	3847			8-10-63	120.0*	939.0	
		10-18-63	94.3	926.5				8-10-63	120.0*	939.0				9-20-63	107.7	951.5	
		11-01-63	91.3	929.5				10-13-63	104.7	954.5				11-1-63	100.0	971.0	
		11-15-63	91.0	929.8				11-1-63	100.0	971.0				1-09-64	117.9P	941.1	
		11-29-63	81.3	939.5				2-09-64	111.5	947.5				3-05-64	116.3	942.7	
		12-13-63	86.0*	934.8				4-18-64	111.5	942.7				5-17-64	115.5	943.5	
		1-10-64	91.0*	929.8				6-01-64	119.7	939.3				7-13-63	122.7P	937.3	3847
		2-18-64	89.5	935.2				8-10-63	120.0*	939.0				9-21-63	112.0	948.0	
		3-13-64	89.3	935.2				10-01-63	109.7	950.3				11-21-63	113.9	946.1	
		5-01-64	101.2*	929.5				12-09-63	111.5	948.5				1-12-64	134.8P	925.2	
		5-15-64	82.9	937.9				1-12-64	134.8P	925.2				2-02-64	119.5*	940.6	
		6-19-64	108.0*	912.8				2-02-64	119.5*	940.6				2-10-64	112.8	947.2	
01S/04W-11E11 S	1032.8	7-31-63	64.2	968.6	3230	01S/04W-13F02 S	1059.0	8-10-63	120.0*	939.0				8-10-63	120.0*	939.0	
		10-10-63	66.2	966.6				9-20-63	107.7	951.5				9-21-63	112.0	948.0	
		11-26-63	52.2	967.3				10-01-63	109.7	950.3				11-21-63	113.9	946.1	
		2-25-64	67.8	965.0				12-09-63	111.5	948.5				1-12-64	134.8P	925.2	
		4-06-64	68.2	964.6				1-12-64	134.8P	925.2				2-02-64	119.5*	940.6	
01S/04W-11G01 S	1041.7	8-02-63	92.5	949.2	3230	01S/04W-13G02 S	1060.0	3-05-64	116.3	942.7				4-18-64	111.5	942.7	
		10-11-63	94.3	947.4				5-17-64	115.5	943.5				6-01-64	119.7	939.3	
		11-29-63	94.2	947.5				7-13-63	122.7P	937.3	3847			8-10-63	120.0*	939.0	
		2-27-64	94.5	947.2				9-21-63	112.0	948.0				9-21-63	112.0	948.0	
		4-07-64	94.0	947.7				10-01-63	109.7	950.3				11-21-63	113.9	946.1	
01S/04W-12B05 S	1089.3**	7-01-63	138.2P	951.1	4104			12-09-63	111.5	948.5				1-12-64	134.8P	925.2	
		(CONT.)						1-12-64	134.8P	925.2				2-02-64	119.5*	940.6	
								2-10-64	112.8	947.2				2-10-64	112.8	947.2	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA						UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA					
Y-01.E0						Y-01.E0					
01S/04W-13G02 S	1060±0	(CONT.)	123±5	936±7	3847	01S/04W-13M02 S	1045±0**	1-13-64	129±3P	915±7	3847
		3-04-64	121±5*	938±5				2-17-64	120±9P	924±1	
		3-30-64	119±1	940±9				3-05-64	125±5P	929±5	
		4-13-64	138±1P	942±9				4-14-64	100±1	944±9	
		5-17-64	141±1P	918±9				5-18-64	128±7P	916±3	
		6-18-64						6-01-64	131±2P	913±8P	
								6-30-64	133±1P	911±9	
01S/04W-13M02 S	1054±0	7-12-63	142±5P	911±9	3847	01S/04W-13R01 S	1100±9	8-28-63	159±6P	941±3	3400
		8-10-63	143±5P	910±5				9-27-63	153±0	947±9	
		9-20-63	87±7	966±3				11-30-63	153±5P	947±4	
		10-13-63	141±9P	912±1				12-30-63	151±7	949±2	
		11-17-63	145±1P	916±9				2-23-64	150±3	950±6	
		12-16-63	138±0P	916±0				3-26-64	152±4	948±5	
		1-13-64	151±9P	902±1				4-01-64	151±4	949±5	
		2-11-64	95±6	958±2				6-27-64	156±6	944±5	
		3-05-64	137±4	916±5				7-12-63	108±1*	917±9	5204
		5-18-64	175±0	879±0				8-01-63	112±2**	913±8	
		6-18-64	173±5P	860±5				8-16-63	111±5*	914±5	
01S/04W-13N01 S	1045±0	7-15-63	124±1P	920±9	3847	01S/04W-14P02 S	1026±0	8-30-63	116±8*	909±2	
		8-10-63	121±9P	923±1				9-13-63	108±5*	917±5	
		9-20-63	110±7	934±5				10-04-63	89±5	936±5	
		10-02-63	105±5	939±5				10-18-63	96±5	929±5	
		10-15-63	124±4P	920±6				11-01-63	86±8	939±2	
		11-22-63	110±9	934±1				11-15-63	91±2	934±8	
		12-04-63	102±3	942±7				11-29-63	78±1	947±9	
		1-13-64	118±3P	926±7				12-13-63	79±8	946±2	
		2-03-64	126±9P	918±1				1-10-64	96±5*	929±5	
		2-17-64	102±1	942±9				2-14-64	85±1	940±9	
		3-16-64	125±4P	919±6				3-13-64	95±1	930±9	
		3-24-64	109±2	935±8				4-10-64	83±1	942±9	
		4-13-64	99±9	945±1				5-01-64	99±1	926±9	
		5-16-64	128±2P	916±8				5-15-64	100±2	925±8	
		6-01-64	129±8P	915±2				6-19-64	110±8*	915±2	
		6-22-64	133±0P	912±0				7-12-63	138±0P	889±1	5204
01S/04W-13N02 S	1045±0**	7-11-63	122±6P	922±4	3847			8-01-63	141±9P	882±2	
		8-15-63	126±5P	913±5				8-30-63	143±6P	883±5	
		9-13-63	122±6P	922±6				9-13-63	141±0P	886±1	
		10-13-63	122±6P	922±6				10-04-63	88±3	938±8	
		11-15-63	131±5P	915±4				10-18-63	97±3	929±8	
		12-16-63	116±9P	928±1				11-01-63	88±3	938±8	
		(CONT.)						(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data	
SANTA ANA RIVER HYDRO UNIT Y-01+00												
UPPER SANTA ANA HYDRO SUBUNIT Y-01+E0												
BUNKER HILL HYDRO SUBAREA												
01S/04W-14P06 S	1027*1	(CONT.) 11-15-63 11-29-63 12-13-63 1-10-64 2-14-64 3-13-64 4-10-64 5-01-64 5-15-64 6-19-64	91*9 79*6 82*0 129*0P 96*0 931*1 96*0 924*8 130*6P 142*0P	935*2 947*5 945*1 898*1 931*1 940*5 928*8 885*1	5204	01S/04W-15M04 S	980*0**	8-29-63	34*0	946*0	5713	
01S/04W-15E04 S	995*0	8-02-63 10-11-63 11-29-63 2-7-64 4-08-64	47*8 47*6 46*6 47*5 45*2	947*2 947*4 948*4 947*2 949*8	3230	01S/04W-15N02 S	982*2	8-02-63 10-11-63 11-29-63 2-27-64 4-08-64	50*1 49*6 47*5 47*1 45*6	932*1 932*6 934*7 935*1 936*6	3230	
01S/04W-15L03 S	984*0**	10-25-63 3-14-64 5-09-64	57*1 57*8 61*7	926*9 926*2 922*3	5713	01S/04W-15N05 S	980*0	7-06-63 7-20-63 8-03-63 9-07-63 9-14-63 10-05-63 10-19-63 11-02-63 11-19-63 12-07-63 1-4-64 1-18-64 2-01-64 2-15-64 3-07-64 3-14-64 4-01-64 4-18-64 5-02-64 5-16-64 6-06-64 6-13-64	230*0P 235*0P 246*0P 254*0P 165*0 240*0P 245*0P 155*0A 149*0P 143*0A 230*0P 140*0A 145*0A 229*0P 218*0P 140*0A 230*0P 235*0A 240*0A 250*0A 250*0A	750*0 745*0 734*0 728*0 728*0 740*0 735*0 925*0 935*0 728*0 845*0 865*0 835*0 751*0 762*0 840*0 750*0 745*0 740*0 730*0 730*0	5717	5717
01S/04W-15M02 S	984*6	7-06-63 7-20-63 8-03-63 8-24-63 9-07-63 9-21-63 10-05-63 10-11-63 10-19-63 11-02-63 11-16-63 11-29-63 12-14-63 1-04-64 1-18-64 3-07-64 3-14-64 4-01-64 4-18-64 5-02-64 5-16-64	149*7P 149*7P 149*7P 149*7P 149*7P 89*7 144*7P 91*8* 99*7 99*7 78*2 89*7 144*7P 88*7 89*9 89*9 89*9 79*7 908*9 146*7P 83*7 79*7	834*9 834*9 834*9 834*9 834*9 894*9 839*9 892*8 884*9 884*9 906*4 896*9 839*9 899*9 894*9 901*9 908*9 908*9 903*9 904*9 904*9	3230 5717	01S/04W-15P02 S	993*0**	7-06-63 7-18-63 7-30-63 8-26-63 9-13-63 9-25-63 10-04-63 10-28-63 11-02-63 11-22-63	60*4 61*6 62*2 63*2 63*8 55*6 59*4 58*9 50*2 54*9	932*6 931*4 930*8 929*8 928*4 937*4 933*6 935*0 936*1	5713 3400 5713 3400 5713 3400 5713 3400 5713 3400	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

(CONT.)

A Air-gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y=01.00											
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA Y=01.00						UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA Y=01.00					
01S/04W-15P02 S	993.0**	11-24-63	53.4	939.6	3400	01S/04W-16J09 S	998.0**	2-01-64	64.5	933.5	5717
		12-13-63	53.9	939.1				3-07-64	125.0P	873.0	
		12-27-63	55.2	937.8	3400			3-14-64	69.0	929.0	
		1-26-64	51.6	941.4				4-01-64	60.0	936.0	
		2-26-64	57.8	935.2				4-18-64	129.0P	869.0	
		3-14-64	57.0	936.0	5713			5-02-64	66.0	932.0	
		3-27-64	53.1	939.9	3400			5-16-64	70.0	928.0	
		4-04-64	50.9	942.1	5713			6-06-64	131.0P	867.0	
		4-06-64	50.7	942.3	3400			6-13-64	132.0P	866.0	
		5-09-64	57.8	935.2	5713			8-02-63	171.6	798.6	3230
		5-27-64	62.8	930.2	3400			10-11-63	180.5	789.7	
		6-27-64	66.0	927.0				11-29-63	153.8	816.4	
					3230			2-27-64	158.0	812.2	
01S/04W-16G02 S	1027.0	11-29-63	DRY			01S/04W-21A01 S	970.2	4-08-64	144.0	826.2	
01S/04W-16H06 S	1002.0**	7-06-63	45.3	956.7	5713			7-12-63	178.8P	817.2	5204
		7-18-63	46.4	955.6				8-01-63	175.1P	820.9	
		8-29-63	46.8	955.2				8-16-63	176.8P	821.9	
		10-04-63	47.3	954.7				9-13-63	175.1P	820.5	
		12-23-63	45.9	959.0				10-04-63	145.7	852.3	
		12-13-63	42.7	959.3				10-18-63	145.4	850.6	
01S/04W-16J09 S	984.0**	7-06-63	27.3	956.7	5713			11-01-63	135.8	860.2	
		7-06-63	116.0P	882.0	5717			11-15-63	145.4	850.6	
		8-20-63	28.1	955.9	5713			11-29-63	129.4	866.6	
		8-20-63	118.0P	880.0	5717			12-13-63	121.1	874.9	
		8-17-63	120.0P	878.0				1-10-64	174.1P	821.9	
		8-29-63	29.1	954.9	5713			2-14-64	166.8P	859.2	
		9-07-63	121.0P	877.0	5717			3-13-64	136.7	859.7	
		9-13-63	29.3	954.7	5713			4-10-64	164.8P	831.2	
		9-14-63	120.0P	878.0	5717			5-01-64	135.7	860.3	
		10-04-63	29.8	954.2	5713			5-15-64	175.1P	820.9	
		10-05-63	120.0P	878.0	5717			6-12-64	184.8P	811.2	
		10-19-63	119.0P	879.0				7-05-63	88.9P	913.1	5720
		10-25-63	27.6	956.4	5713			7-19-63	88.9P	913.1	
		11-02-63	60.0P	938.0	5717			8-02-63	90.1P	911.9	
		11-16-63	63.0P	935.0				8-16-63	90.3P	911.7	
		12-07-63	48.0	950.0				9-06-63	90.7P	910.5	
		12-13-63	27.6	956.4	5713			9-13-63	91.5P	910.3	
		12-14-63	112.0P	886.0	5717			10-04-63	86.7P	912.5	
		1-04-64	128.0P	870.0				10-04-63	86.7P	912.5	
		1-18-64	69.0	929.0				10-04-63 (CONT.)	89.1P		
		(CONT.)							1002.0		

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT					
UPPER SANTA ANA HYDRO SUBUNIT					
BUNKER HILL HYDRO SUBAREA					
01S/04W-22B03 S	1002+0	11-07-63	79+4	922+6	5720
		11-14-63	86+4P	913+6	
	1001+9	11-29-63	71+7	930+2	3230
	1002+0	12-06-63	75+3	926+7	5720
		12-12-63	75+4	926+1	
		1-18-64	85+P	916+9	
		2-07-64	73+Y	928+1	
		2-14-64	73+6	928+4	
		3-06-64	85+3P	916+7	
		3-13-64	77+3	924+7	
		4-03-64	75+1	926+9	
	1001+9	4-07-64	69+6	932+3	3230
	1002+0	4-17-64	82+6P	919+4	5720
		5-01-64	86+9P	915+1	
		5-15-64	86+9P	915+1	
		6-05-64	86+9P	915+1	
		6-12-64	89+9P	912+1	
		6-26-64	91+1P	910+9	
01S/04W-22B04 S	998+6	11-07-63	93+7	904+9	5720
		11-14-63	96+5	902+1	
01S/04W-22B05 S	1000+0	7-05-63	87+1P	912+9	5720
		7-12-63	87+6P	912+4	
		8-01-63	89+9P	910+1	
		8-16-63	90+2P	909+8	
		9-06-63	89+9P	910+1	
		9-13-63	91+3P	908+5	
		10-07-63	88+9P	911+5	
		11-07-63	78+Y	921+9	
		11-14-63	87+6P	912+6	
		12-06-63	73+7	926+3	
		12-12-63	73+8	926+2	
		1-03-64	77+1	922+9	
		1-16-64	84+1P	915+9	
		2-07-64	78+4P	921+6	
		2-14-64	83+4	936+6	
		3-06-64	82+8P	917+2	
		3-13-64	82+8P	917+2	
		4-03-64	73+8	926+2	
		4-17-64	82+7P	917+3	
		(CONT.)			
UPPER SANTA ANA HYDRO SUBUNIT					
BUNKER HILL HYDRO SUBAREA					
01S/04W-22B06 S	1000+0	5-01-64	85+4P	915+6	5720
		5-15-64	86+7P	913+3	
		6-05-64	87+4P	910+6	
		6-12-64	90+1P	909+9	
		6-26-64	91+3P	908+7	
01S/04W-22B07 S	1002+0**	7-05-63	90+6P	911+4	5720
		7-12-63	91+8P	910+2	
		8-02-63	93+9P	908+1	
		8-16-63	94+1P	907+9	
		9-06-63	93+5P	908+5	
		9-13-63	95+6P	908+4	
		10-04-63	87+3P	914+7	
		10-17-63	91+7P	910+3	
		11-07-63	83+1	918+9	
		11-14-63	91+8P	910+2	
		12-06-63	71+0	931+0	
		12-12-63	71+4	930+6	
		1-03-64	78+6	923+4	
		1-16-64	89+8P	912+2	
		2-07-64	73+2	928+8	
		2-14-64	75+9	926+1	
		3-06-64	89+2P	912+8	
		3-13-64	81+7	920+3	
		4-03-64	71+7	930+3	
		4-17-64	80+5	921+5	
		5-01-64	89+9P	914+1	
		5-15-64	92+8P	909+2	
		6-05-64	93+4P	908+6	
		6-12-64	94+5P	907+5	
		6-26-64	93+9P	906+1	
01S/04W-22B07 S	995+0**	7-04-63	94+9P	900+1	5720
		7-12-63	95+7P	899+3	
		7-18-63	79+7	915+3	5713
		8-01-63	97+6P	897+4	5720
		8-16-63	97+3P	897+7	
		8-29-63	DKY		5713
		9-06-63	97+3P	897+7	5720
		9-13-63	84+3P	846+7	
		10-04-63	78+0	917+0	5713
		10-04-63	91+6P	903+4	5720
		10-18-63	96+3P	898+7	
		10-25-63	78+9	916+1	5713
		(CONT.)			

** Approximate ground surface elevation

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	Date	G. S. Elev. in Feet	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
Y-01-E0											
UPPER SANTA ANA HYDRO SUBUNIT											
BUNKER HILL HYDRO SUBAREA											
01S/04W-22G07 S	9/9.0.88	91.4P	91.4P	903.1	5/20	01S/04W-22G06 S	983.0	3-06-64	84.3*	898.7	Y-01-L/L
		91.5P	91.5P	913.5	5/20			3-13-64	75.0	903.0	5720
		92.0P	92.0P	921.1	5/20			4-03-64	84.8P	905.4	
		92.1P	92.1P	921.1	5/13			4-03-64	85.4P	897.6	
		92.1P	92.1P	921.1	5/20			5-01-64	85.4P	897.6	
		92.1P	92.1P	921.1	5/20			5-15-64	83.4	899.6	
		92.0P	92.0P	903.0				6-05-64	89.1P	893.9	
		91.9P	91.9P	903.1				6-12-64	89.4P	893.6	
		909.7	909.7	909.7				6-26-64	89.4P	893.6	
		910.4	910.4	910.4							
		901.4	901.4	901.4							
		902.4	902.4	902.4							
		898.1	898.1	898.1							
		895.7	895.7	895.7							
		988.5	988.5	988.5							
01S/04W-22C02 S		114.2	114.2	874.3	3/20	01S/04W-22G07 S	984.0	7-05-63	83.7?	900.8	5720
		129.7*	129.7*	858.8	5/13			7-12-63	84.9	899.1	
		110.0	110.0	878.5	5/23			8-02-63	89.5P	894.5	
		130.0*	130.0*	895.5	5/13			8-16-63	90.3P	893.7	
		105.8	105.8	882.7	3/20			9-06-63	85.0	899.0	
		196.2	196.2	890.0				9-13-63	91.2P	892.8	
		98.2	98.2	890.0				10-04-63	82.6	901.4	
		87.1P	87.1P	895.9				10-17-63	88.5P	895.5	
		88.1P	88.1P	895.9				11-07-63	81.1	902.9	
		87.1P	87.1P	895.9				11-14-63	87.1P	896.9	
		88.1P	88.1P	895.9				12-06-63	75.5	908.5	
		88.1P	88.1P	895.9				12-12-63	75.3	908.7	
		85.2	85.2	897.8							
		83.8	83.8	899.2							
		84.7P	84.7P	898.3							
		88.0P	88.0P	895.0							
		80.3	80.3	902.7							
		88.0P	88.0P	895.0							
		74.6	74.6	908.4							
		77.7	77.7	908.3							
		79.2	79.2	903.8							
		910.3	910.3	910.3							
		72.3	72.3	910.7							
		983.0	983.0	983.0							
01S/04W-22G06 S		87.1P	87.1P	895.9	5/20	01S/04W-22G09 S	986.0	7-05-63	83.8P	902.2	5720
		88.1P	88.1P	894.1				7-12-63	84.8P	901.2	
		85.2	85.2	897.8				8-02-63	87.5P	898.5	
		83.8	83.8	899.2				8-16-63	87.9P	898.1	
		84.7P	84.7P	898.3				9-06-63	82.4	903.6	
		88.0P	88.0P	895.0				9-13-63	83.7P	902.3	
		80.3	80.3	902.7				10-04-63	78.9	907.1	
		88.0P	88.0P	895.0				10-17-63	85.6P	900.4	
		74.6	74.6	908.4							
		77.7	77.7	905.3							
		79.2	79.2	903.8							
		910.3	910.3	910.3							
		72.3	72.3	910.7							

* Questionable measurement

P Pumping measurement (CONT.)

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
UPPER SANTA ANA HYDRO SUBUNIT						UPPER SANTA ANA HYDRO SUBUNIT					
BUNKER HILL HYDRO SUBAREA						BUNKER HILL HYDRO SUBAREA					
Y-01•EO						Y-01•EO					
01S/04W-22G09 S	986•0	{CONT.}	78•8	907•2	5720	01S/04W-22G16 S	985•0	7-05-63	86•5P	898•5	5720
		11-07-63	901•0					7-12-63	87•6P	897•4	
		11-14-63	85•0P					8-02-63	90•0P	895•0	
		12-06-63	73•0	913•0				9-06-63	85•7	899•3	
		12-12-63	73•1	912•9				10-04-63	84•3P	900•7	
		1-03-64	79•6P	906•4				10-17-63	88•0P	897•0	
		1-16-64	80•7P	905•3				11-07-63	80•2	904•8	
		2-07-64	71•9	914•1				11-14-63	87•4P	897•6	
		2-14-64	72•0	914•0				12-06-63	74•7	910•3	
		3-06-64	79•2	906•8				12-12-63	74•7	910•3	
		3-13-64	76•3	909•7				1-03-64	82•3P	902•7	
		4-03-64	73•6	912•4				1-16-64	82•6P	902•4	
		4-17-64	79•3P	906•7				2-07-64	72•8	912•2	
		5-01-64	81•3	908•7				2-14-64	73•3	911•7	
		5-15-64	84•8P	903•2				3-06-64	83•3P	901•1	
		6-05-64	87•0P	898•0				4-03-64	73•6	911•6	
		6-12-64	87•0P	898•6				4-17-64	81•6P	903•6	
		6-26-64	88•6P	897•4				5-01-64	85•1P	899•9	
01S/04W-22G14 S	984•0	7-05-63	93•2P	890•8	5720			5-15-64	86•3P	898•7	
		7-12-63	93•9P	890•1				6-05-64	89•5P	895•5	
		8-02-63	96•4P	887•6				6-12-64	89•8P	895•2	
		8-16-63	96•8P	887•2				6-26-64	89•8P	895•2	
		9-06-63	96•4P	887•6							
		9-13-63	95•9P	888•1							
		10-04-63	92•4P	891•6		01S/04W-22H01 S	1004•3	7-12-63	138•6P	869•7	5204
		11-07-63	94•8P	889•2				8-01-63	147•3P	857•0	
		11-14-63	85•6	898•4				8-16-63	147•3P	857•0	
		12-06-63	81•8	897•9				8-30-63	149•9P	85••4	
		12-12-63	79•1	904•9				9-13-63	148•9P	855•4	
		1-03-64	82•3	901•7				10-04-63	81•0	923•3	
		1-16-64	82•3	901•7				10-18-63	85•6	918•7	
		2-07-64	77•8	906•2				11-01-63	83•6	920•7	
		2-14-64	77•9	906•1				11-15-63	83•9	920•4	
		3-06-64	90•3P	899•7				11-29-63	77•9	926•4	
		3-13-64	80•9	903•1				12-13-63	81•6	922•7	
		4-03-64	80•0	904•0				1-10-64	149•0P	855•3	
		4-17-64	87•9P	896•1				2-14-64	76•9	927•4	
		5-01-64	81•6P	892•2				3-13-64	82•0	928•3	
		5-15-64	93•1P	897•6				5-10-64	13•6P	920•7	
		6-02-64	96•8P	884•2				5-15-64	148•3*	856•0	
		6-12-64	96•8P	884•2				6-19-64	152•0*	852•3	
		6-26-64	96•0P	888•0							
01S/04W-22H02 S	1009•2	7-12-63	138•0P	867•2	5204			7-12-63	138•0P	867•2	5204

* Questionable measurement

** Approximate ground elevation

p Pumping measurement

A Air gage measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	
SANTA ANA RIVER HYDRO UNIT												
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA						Y-01•E0						
01S/04W-22H02 S	1005.2	(CONT.)	8-01-63	137.9P	867.3	5204	01S/04W-22H04 S	998.6	10-18-63	106.3P	892.3	5204
			8-16-63	138.0P	867.2				11-01-63	98.0P	900.6	
			8-30-63	142.6P	862.6				11-15-63	101.0P	897.6	
			10-13-63	140.3P	865.9				11-29-63	95.0P	903.6	
			10-04-63	52.6	922.5				12-13-63	104.0P	892.6	
			11-03-63	137.3P	845.5				2-10-64	109.0P	901.9	
			11-05-63	151.6	951.6				3-13-64	102.0P	896.6	
			11-29-63	131.3P	867.9				4-10-64	91.9P	908.7	
			12-13-63	138.3P	866.9				5-01-64	104.9P	893.7	
			1-10-64	140.6P	864.6				5-15-64	106.9P	891.7	
			2-14-64	136.0P	869.2				6-19-64	116.0P	882.6	
			3-13-64	139.6P	865.6							
			4-10-64	132.6P	872.6				7-18-63	109.3P	880.7	5783
			5-01-64	137.6P	867.6				8-17-63	106.8P	883.2	
			5-15-64	135.9P	869.3				9-15-63	92.0*	898.0	
			6-19-64	143.0P	862.2				10-12-63	98.5P	890.5	
									11-17-63	98.8P	891.2	
									12-16-63	74.4	915.6	
									1-18-64	109.0P	881.0	
									2-15-64	115.8P	874.2	
									3-10-64	121.0P	869.0	
									4-07-64	73.2	916.8	
									5-10-64	122.3P	867.7	
									6-09-64	122.7P	867.3	
									7-18-63	99.8P	882.2	5783
									8-17-63	108.9P	875.1	
									9-15-63	108.0P	876.1	
									10-12-63	101.0P	881.0	
									11-17-63	99.0P	883.0	
									12-16-63	86.4P	895.6	
									1-18-64	78.0	904.0	
									2-15-64	87.9	894.1	
									3-10-64	93.0	889.0	
									4-07-64	85.7	896.3	
									5-10-64	144.0P	838.0	
									6-09-64	149.0P	833.0	
									7-12-63	122.6P	902.4	5204
									8-01-63	123.3P	901.7	
									8-16-63	124.0P	901.0	
									8-30-63	124.9P	900.1	
									9-13-63	121.6P	903.4	
									(CONT.)			
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA						Y-01•E2						
01S/04W-22H03 S	1003.9	7-12-63	173.3P	830.6	5204	01S/04W-22H06 S	982.0	7-18-63	99.8P	882.2	5783	
		8-01-63	174.3P	829.6				8-17-63	108.9P	876.1		
		8-16-63	176.6P	827.3				9-15-63	108.0P	876.1		
		8-30-63	177.3P	826.6				10-12-63	101.0P	881.0		
		9-13-63	175.3P	828.6				11-17-63	99.0P	883.0		
		10-04-63	79.0	924.9				12-16-63	86.4P	895.6		
		10-18-63	86.0	917.9				1-18-64	78.0	904.0		
		11-01-63	85.3	918.6				2-15-64	87.9	894.1		
		11-02-63	79.0	926.9				3-10-64	93.0	889.0		
		12-13-63	82.6	918.9				4-07-64	85.7	896.3		
		1-10-64	84.3	919.6				5-10-64	144.0P	838.0		
		2-14-64	76.9	927.0				6-09-64	149.0P	833.0		
		3-13-64	82.0	921.9				7-12-63	122.6P	902.4	5204	
		4-10-64	74.0	929.9				8-01-63	123.3P	901.7		
		5-01-64	84.9	919.0				8-16-63	124.0P	901.0		
		5-15-64	171.6P	832.3				8-30-63	124.9P	900.1		
		6-19-64	176.0*	827.9				9-13-63	121.6P	903.4		
								(CONT.)				
01S/04W-22H04 S	998.6	7-12-63	114.6P	884.0	5204	01S/04W-23C02 S	1025.0	7-12-63	122.6P	902.4	5204	
		8-01-63	115.0P	883.6				8-01-63	123.3P	901.7		
		8-16-63	112.3P	886.3				8-16-63	124.0P	901.0		
		8-30-63	117.3P	881.3				8-30-63	124.9P	900.1		
		9-13-63	114.3P	884.3				9-13-63	121.6P	903.4		
		10-04-63	63.6	935.0				(CONT.)				

* Approximate ground surface elevation

• Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Dish	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
UPPER SANTA ANA HYDRO SUBUNIT Y-01-E0											
BUNKER HILL HYDRO SUBAREA											
01S/04W-23C02 S	1025.0	(CONT.)	83+3	941.7	5204	01S/04W-23H01 S	1040.0**	10-15-63	134+5P	905+5	3847
		10-04-63	92+6	932.4				11-16-63	142+6P	897+4	
		10-18-63	85+0	940.0				12-04-63	106+7	933+3	
		11-01-63	87+0	938.0				12-16-63	137+9P	902+1	
		11-15-63	77+0	948.0				1-13-64	116+4	923+6	
		11-29-63	912.4					2-10-64	102+8	937+2	
		12-13-63	112+6P					3-03-64	114+7	927+8	
		1-10-64	119+6P	905.4				3-24-64	112+3	934+8	
		2-14-64	115+0P	910.0				4-06-64	104+7	935+3	
		3-13-64	92+0	933.0				4-13-64	105+2	934+8	
		5-01-64	110+0P	915.0				5-17-64	138+6P	901+4	
		4-10-64	115+6P	909.4				6-01-64	142+9P	897+1	
		5-15-64	120+0P	905.0				6-18-64	141+3P	898+7	
		6-19-64	125+6P	899.4				7-14-63	135+8P	905+2	3847
01S/04W-23C03 S	1022.8	7-12-63	119+3P	903+5	5204			8-11-63	117+9	923+1	
		8-01-63	122+9P	899+9				9-22-63	113+2	927+8	
		8-16-63	119+6P	903+2				10-02-63	109+0	932+0	
		8-20-63	124+0P	898+6				12-16-63	116+0	925+0	
		9-13-63	119+0P	903+8				12-23-63	113+0	928+0	
		10-04-63	87+0	935+8				1-27-64	116+0	925+0	
		10-18-63	94+9	927+9				2-10-64	103+5	937+5	
		11-01-63	84+9	937+9				3-23-64	111+3	929+7	
		11-15-63	90+9	931+9				4-12-64	105+6	935+4	
		11-29-63	76+0	946+8				5-18-64	116+0	925+0	
		12-13-63	88+3P	934+5				6-01-64	118+3	922+7	
		1-10-64	108+0P	914+8				7-31-63	115+2*	989+8	3400
		2-14-64	96+3P	926+5				8-27-63	115+4	989+6	
		3-13-64	103+0P	919+8				9-27-63	115+3	989+7	
		4-10-64	92+0P	930+8				11-30-63	115+1	989+5	
		5-01-64	91+6P	931+2				2-25-64	115+0	990+0	
		5-15-64	114+6P	908+2				3-25-64	115+2	989+8	
		6-19-64	124+0P	898+8				4-07-64	115+3	989+7	
01S/04W-23E01 S	1006.0	10-04-63	75+0	929+0	5713			5-29-64	115+6	989+4	
		7-18-63	85+0	917+5	5713	01S/04W-24K01 S	1092+0	7-22-63	154+8	937+2	5203
		10-04-63	82+3	920+2				8-23-63	159+2	932+8	
01S/04W-23E03 S	1002.5**	7-13-63	140+8P	899+2	3847			10-24-63	141+0	921+0	
		8-26-63	141+3P	898+5				12-20-63	139+3	950+7	
		9-21-63	143+2	924+2				1-29-64	129+7	962+3	
		10-02-63	99+2	940+8				(CONT.)			
01S/04W-23H01 S	1040.0**	(CONT.)									

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
UPPER SANTA ANA HYDRO SUBUNIT						UPPER SANTA ANA HYDRO SUBUNIT					
BUNKER HILL HYDRO SUBAREA						BUNKER HILL HYDRO SUBAREA					
Y-01•E0						Y-01•E0					
01S/04W-24K01 S	1092.0	(CONT.)	143.2	948.8	5203	01S/04W-27A02 S	1014.4	6-26-64	105.0	909.4	5204
		2-20-64	145.2	946.8				7-12-63	95.3	917.0	5204
		3-23-64	130.2	961.8				8-01-63	97.3	915.0	
		4-08-64	156.2	935.8				8-16-63	96.6	915.7	
		5-25-64	163.7	928.3				8-30-63	99.3	913.0	
		6-24-64						9-13-63	98.6	913.7	
01S/04W-25J01 S	1135.0**	7-30-63	128.5	1006.5	3400			10-04-63	91.6	920.7	
		8-26-63	129.8	1005.2				10-18-63	96.9	915.4	
		9-23-63	118.8	1016.2				11-01-63	95.0	917.3	
		11-30-63	117.7	1017.3				11-26-63	98.3	922.4	
		12-30-63	117.9	1017.1				12-13-63	99.3	920.3	
		3-29-64	117.3	1017.9				1-10-64	96.0	916.3	
		4-08-64	117.3	1017.9				2-14-64	89.3	923.0	
		5-27-64	118.7	1016.4				3-13-64	94.9	917.4	
		6-27-64	120.4	1016.6				4-10-64	86.0	926.3	
01S/04W-26F01 S	1033.0	10-04-63	102.9	930.1	5713			5-01-64	91.0	921.3	
		10-25-63	103.9	929.1				5-15-64	93.6	918.7	
		12-13-63	94.4	938.6				6-12-64	96.3	916.0	
01S/04W-27A02 S	1014.4	7-12-63	100.0	914.4	5204	01S/04W-27A07 S	1015.0	7-12-63	131.0*	884.0	5204
		7-18-63	102.3*	912.1	5713			8-01-63	131.0*	884.0	
		8-01-63	102.6	911.8	5204			8-16-63	132.6*	882.4	
		8-16-63	100.0	914.4				8-30-63	135.0*	880.0	
		8-29-63	105.0*	909.4	5713			9-13-63	129.0*	886.0	
		8-30-63	105.3	909.1	5204			10-04-63	93.6	921.4	
		9-13-63	102.0	912.4				10-18-63	101.9	913.1	
		10-04-63	92.6	921.8	5713			11-01-63	88.3	930.7	
		10-04-63	91.3	923.1	5204			11-15-63	86.6	926.4	
		10-18-63	97.0	917.4				12-13-63	86.6	926.4	
		10-25-63	92.4	922.0	5713			1-10-64	109.0	909.0	
		11-01-63	88.9	925.5	5204			2-14-64	101.9	913.1	
		11-15-63	90.9	923.5	5713			3-13-64	102.6	925.4	
		12-13-63	90.7	923.7	5713			4-10-64	100.6	912.0	
		12-10-63	91.3	923.1	5204			5-15-64	117.6	897.4	
		2-14-64	97.3	917.1				5-29-64	115.0	900.0	
		3-13-64	95.0	919.4				6-19-64	127.0	888.0	
		4-10-64	88.3	926.1				7-12-63	132.6*	884.4	5204
		5-01-64	95.6	918.8				7-18-63	134.2*	882.8	5713
		5-15-64	98.0	916.4				8-01-63	132.9*	884.1	5204
		6-12-64	102.3	912.1				8-29-63	143.8*	873.2	5713
		(CONT.)						(CONT.)			

* Questionable measurement
** Approximate ground surface elevation

A Air gauge measurement
P Pumping measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01.00											
UPPER SANTA ANA HYDRO SUBUNIT Y-01.E0											
BUNKER HILL HYDRO SUBAREA											
01S/04W-27A08 S	1017.0**	8-16-63 (CONT.)	132.0*	885.0	5204	01S/04W-27A10 S	1015.7	9-20-63	85.3	930.4	5204
		8-30-63	136.0*	881.0	5204			10-04-63	95.0	920.7	
		9-13-63	129.6*	887.4				10-18-63	103.0	912.7	
		10-04-63	93.9	923.1				11-01-63	85.0	930.7	
		10-04-63	93.5	923.5	5713			11-15-63	88.3	927.4	
		10-18-63	101.9	915.1	5204			11-29-63	76.0	939.7	
		10-25-63	87.8	929.2	5713			12-13-63	87.9	927.8	
		11-01-63	86.6	930.4	5204			1-10-64	109.9	905.8	
		11-15-63	87.0	930.0				2-14-64	107.6	908.1	
		11-29-63	74.0	943.0				3-13-64	103.0	912.7	
		12-13-63	87.0	930.0				4-10-64	91.6	924.1	
		12-13-63	85.8	931.2	5713			5-01-64	102.9	912.8	
		1-10-64	109.6	907.4	5204			5-15-64	119.0	896.7	
		2-14-64	102.3	914.7				6-19-64	132.0*	883.7	
		3-13-64	102.0	915.0				7-12-63	136.8P	878.2	5204
		4-10-64	79.6	926.4				8-01-63	135.4P	879.6	
		5-01-64	102.6	916.4				8-16-63	126.4P	882.3	
		5-15-64	117.9	897.1				9-19-63	126.1P	879.9	
		6-12-64	126.0	891.0				10-02-63	135.1P	871.2	
UPPER SANTA ANA HYDRO SUBUNIT Y-01.E2											
BUNKER HILL HYDRO SUBAREA											
01S/04W-27A09 S	1015.2	7-12-63	177.1P	838.1	5204	01S/04W-27A11 S	1015.0	7-12-63	136.8P	878.2	5204
		8-01-63	180.1P	835.1				8-01-63	135.4P	879.6	
		8-16-63	179.5P	835.7				8-16-63	126.4P	882.3	
		8-30-63	182.5P	832.7				9-19-63	126.1P	879.9	
		9-13-63	176.4P	838.8				10-02-63	135.1P	871.2	
		10-04-63	147.5P	867.7				10-18-63	102.9	912.9	
		10-18-63	154.5P	860.7				11-01-63	85.5	929.5	
		11-01-63	84.8	930.4				11-15-63	87.5	927.5	
		11-15-63	87.5	927.7				12-13-63	84.5	930.5	
		12-13-63	140.4P	874.8				1-10-64	110.4	904.6	
		1-10-64	161.5P	865.7				2-14-64	86.5	928.5	
		2-14-64	150.1P	865.1				3-13-64	103.4	911.6	
		3-13-64	152.1P	863.1				4-10-64	91.4	923.6	
		4-10-64	141.5P	873.7				5-01-64	102.1	912.9	
		5-01-64	150.8P	864.4				5-15-64	125.8P	889.2	
		5-15-64	167.1P	848.1				6-05-64	138.4P	876.6	
		5-29-64	169.5P	845.7				6-19-64	159.5*	885.5	
		6-19-64	171.5P	843.7				7-12-63	111.7	905.3	5204
UPPER SANTA ANA HYDRO SUBUNIT Y-01.E0											
BUNKER HILL HYDRO SUBAREA											
01S/04W-27A10 S	1015.7	7-12-63	136.6P	879.1	5204	01S/04W-27A13 S	1017.0	7-12-63	111.7	905.3	5204
		8-01-63	139.0P	876.7				8-01-63	116.0	921.0	
		8-16-63	136.3P	874.4				8-16-63	115.3	901.7	
		8-30-63	141.0P	874.7				9-13-63	116.7	900.3	
		10-04-63	169.5P	845.7				9-30-63	109.0	908.0	
		10-18-63	171.5P	843.7				10-04-63	93.3	923.7	
		10-18-63	136.6P	879.1	5204			10-18-63	98.0	917.0	
		8-01-63	139.0P	876.7				11-01-63	91.0	925.0	
		8-16-63	136.3P	874.4				11-01-63	91.0	925.0	
		8-30-63	141.0P	874.7				12-13-63	92.0	925.0	
(CONT.)											

* Approximate ground surface elevation

• Questionable measurement

P. Pumping measurement

A. Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
UPPER SANTA ANA HYDRO SUBUNIT Y-01-00						UPPER SANTA ANA HYDRO SUBUNIT Y-01-00					
BUNKER HILL HYDRO SUBAREA						BUNKER HILL HYDRO SUBAREA					
01S/04W-27A13 S	1017.0	(CONT.)	87.6	929.4	5204	01S/04W-27H01 S	1020.0**	8-01-63	82.0P	938.0	5204
		12-27-63	104.6	912.4				8-12-63	85.6P	934.4	
		1-10-64	93.6	923.4				8-16-63	83.0P	937.0	
		2-14-64	98.0	918.0				8-30-63	90.9P	929.1	
		4-10-64	90.7	926.3				9-13-63	85.0P	935.0	
		5-01-64	98.0	919.0				10-04-63	74.0	946.0	
		5-15-64	107.6	909.4				11-18-63	72.0	948.0	
		6-12-64	111.0	906.0				11-01-63	76.6	943.4	
01S/04W-27A19 S	1007.0**	7-12-63	126.9*	880.1	5204			11-15-63	74.0	946.0	
		8-01-63	130.0*	877.0				11-23-63	70.9P	948.1	
		8-16-63	123.6*	883.4				12-10-62	70.9P	948.0	
		8-30-63	130.6*	876.4				1-10-64	67.0	953.1	
		9-13-63	122.0*	885.0				2-14-64	71.0	943.0	
		10-04-63	96.9	910.1				3-13-64	74.3P	945.7	
		10-18-63	99.6	907.4				5-01-64	74.0	946.0	
		11-01-63	87.3	919.7				5-15-64	78.0	942.0	
		11-15-63	89.6	917.4				6-12-64	85.0P	935.0	
		11-29-63	78.0	929.0							
		12-13-63	93.0	914.0				7-18-63	95.2	918.8	5713
		1-10-64	116.0*	891.0				8-29-63	99.8	914.2	
		2-14-64	99.3	907.7				10-04-63	93.3	920.7	
		3-13-64	104.3	902.7				10-25-63	95.2	918.8	
		4-10-64	93.3	913.7				12-13-63	91.8	922.2	
		5-01-64	105.0	902.0							
		5-15-64	119.0*	888.0				7-30-63	DRY		3400
		6-05-64	129.6*	877.4				8-26-63	DRY		
01S/04W-27B05 S	998.0**	7-18-63	87.6	910.4	5713	01S/04W-27H08 S	1018.0	7-30-63	DRY		
		8-29-63	90.9	907.1				8-26-63	DRY		
		10-13-63	86.1	911.6				11-30-63	DRY		
		11-25-63	89.1	910.1				2-26-64	DRY		
		11-22-63	86.3	914.9				3-27-64	DRY		927.9
		12-13-63	83.1	914.9				4-06-64	90.1		
01S/04W-27C06 S	984.0**	7-18-63	81.6	902.4	5713	01S/04W-27H09 S	1014.0**	11-04-63	92.1	921.9	5713
		9-07-63	85.6	898.4				11-25-63	94.9	919.1	
		9-13-63	85.7	898.3				12-13-63	91.3	922.7	
		10-25-63	83.5	900.5							
		11-22-63	83.7	900.3				7-18-63	92.3	919.7	5713
		12-13-63	78.1	905.9				8-29-63	96.1	915.9	
								9-13-63	89.2	922.8	
								10-04-63	89.2	920.1	
								10-25-63	91.9	928.0	
								12-13-63	88.0	924.0	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dir. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dir. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01.00											
UPPER SANTA ANA HYDRO SUBUNIT Y-01.E0											
BUNKER HILL HYDRO SUBAREA											
01N/03W-19E01 S	1460.0**	11-22-63 FLOW			4104	01N/03W-29R01 S	1368.7	7-30-63			Y-01.E2
		8-26-63	465.9	1030.3				8-26-63	325.9	1042.8	3400
		9-25-63	466.7	1029.5				9-25-63	327.4	1041.3	
		11-24-63	455.5	1040.7				11-24-63	328.1	1040.6	
		2-27-64	456.0	1040.2				2-27-64	329.4	1039.3	
		3-27-64	454.2	1042.0				3-27-64	333.6	1035.1	
		4-06-64	453.2	1043.0				4-06-64	330.1	1038.6	
		5-27-64	467.8	1028.4				5-27-64	330.2	1038.5	
		6-27-64	469.4	1026.8				6-27-64	330.7	1038.0	
01N/03W-28P01 S	1496.2	7-30-63	464.0	1032.2	3400			7-30-63	332.1	1036.6	
		8-26-63	465.9	1030.3				8-26-63	302.7	1059.3	4104
		9-25-63	466.7	1029.5				9-25-63	305.5	1061.5	
		11-24-63	455.5	1040.7		01N/03W-30C02 S	1362.0**	11-29-63	302.7	1061.5	
		2-27-64	456.0	1040.2				2-14-64	301.5	1060.5	
		3-27-64	454.2	1042.0				4-15-64	302.4	1059.6	
		4-06-64	453.2	1043.0				4-30-64	305.8	1056.2	
		5-27-64	467.8	1028.4				11-30-63	372.0	978.0	4104
		6-27-64	469.4	1026.8		01N/03W-30J03 S	1350.0**	4-15-64	336.8	1013.2	
01N/03W-29M01 S	1345.2	7-20-63	332.6	1012.6	5051			7-15-63	262.6*	1097.4	4104
		8-20-63	334.4	1010.8				8-05-63	334.6	1006.4	
		10-28-63	332.2	1013.0				10-18-63	334.6	1005.4	
		11-18-63	334.0	1011.2				11-18-63	334.6	1005.4	
		12-18-63	334.9	1012.8				12-02-63	334.0	1006.0	
		1-17-64	334.0	1011.2				12-10-63	333.2	1006.8	
		2-17-64	332.5	1012.7				1-02-64	333.9	1006.1	
		3-17-64	334.2	1011.0				1-13-64	334.4	1005.6	
		4-17-64	333.0	1012.2				2-14-64	333.2	1006.8	
		5-19-64	334.5	1010.7				3-03-64	335.0	1005.0	
01N/03W-29M02 S	1445.0**	6-19-64	339.5	1105.5	5051			3-31-64	334.8	1005.4	
		7-20-63	293.0	998.0				4-15-64	334.0	1006.0	
		8-20-63	317.0*	974.0	5051			5-25-64	336.4	1003.6	
		9-20-63	298.3	992.7				6-09-64	334.4	1005.6	
		10-18-63	320.0P	971.5				7-24-63	256.0P	984.0	4104
		11-19-63	297.0	994.0				11-18-63	239.0	1001.0	
		12-18-63	297.0	994.0				11-29-63	238.0	1002.0	
		1-17-64	297.4	993.6				1-11-64	239.8	1006.8	
		2-17-64	298.0	993.0				3-08-64	240.2	999.8	
		3-17-64	296.7	994.3				5-02-64	242.0	998.0	
		4-17-64	298.4	992.6				6-09-64	242.0	998.0	
		5-19-64	298.4	992.6							
		6-19-64	303.3	987.7							

** Approximate ground surface elevation

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
UPPER SANTA ANA HYDRO SUBUNIT						UPPER SANTA ANA HYDRO SUBUNIT					
BUNKER HILL HYDRO SUBAREA						BUNKER HILL HYDRO SUBAREA					
	Y-01.00	Y-01.E2	Y-01.E0	Y-01.E2	Y-01.E2		Y-01.00	Y-01.E2	Y-01.E0	Y-01.E2	Y-01.E2
01N/03W-30N01 S	1240.0**	(CONT*) 6-13-64 6-27-64	261.2P 254.8P	978.8 965.2	4104	01N/03W-31L03 S	1149.8	11-19-63 12-18-63 1-17-64	157.4 156.4 162.1P	992.4 993.4 987.7	5051
01N/03W-31B01 S	1227.6	7-20-63 8-20-63 9-20-63 10-18-63 11-19-63 12-18-63 1-17-64 2-17-64 3-17-64 4-17-64 5-19-64 6-19-64	245.0P 246.5P 235.7 235.5 233.8 232.7 232.5 233.2 231.8 234.2 248.7P	982.6 981.1 991.9 992.1 993.8 994.9 995.1 994.4 995.8 993.4 978.5	5051	01N/03W-31L05 S	1150.0**	7-20-63 8-20-63 9-20-63 10-18-63 11-19-63 12-18-63 1-17-64 2-17-64 3-17-64 4-17-64 5-19-64 6-19-64	164.1 166.5 164.2 164.0 160.5 160.8 163.5 161.2 163.5 160.1 160.1 168.2	985.9 983.5 985.8 986.0 989.5 989.2 986.8 986.5 984.4 984.4 981.8	5051
01N/03W-31C02 S	1210.0	1-13-64 2-08-64 3-05-64 4-25-64 5-30-64	218.2 216.3 220.2 220.2	991.8 993.7 999.7 989.2	4104	01N/03W-31M03 S	1147.0	7-31-63 10-10-63 11-26-63 2-25-64	148.8 157.7 158.2 159.5	998.2 989.3 988.8 987.5	3230
01N/03W-31K02 S	1174.1	7-20-63 8-20-63 9-20-63 10-18-63 11-19-63 12-18-63 1-17-64 2-17-64 3-17-64 4-17-64 5-19-64	163.6 159.4 158.9 159.4 161.4 161.4 161.4 159.4 159.4 159.1 161.7	1010.5 1014.7 1015.2 1014.7 1015.2 1012.7 1012.7 1014.7 1015.0 1015.0 1012.4	5051	01N/03W-32C01 S	1286.4	7-20-63 8-20-63 9-20-63 10-18-63 11-19-63 12-18-63 1-17-64 2-17-64 3-17-64 4-17-64 5-19-64	285.2 287.2 288.9 290.9 289.9 289.1 289.5 288.7 289.4 289.1 289.9	1001.2 999.2 997.5 996.5 997.3 997.1 997.7 997.0 997.3 996.5	5051
01N/03W-31L02 S	1150.0	8-20-63 9-20-63 11-19-63 12-18-63	156.3 155.2 155.5 152.7	993.7 994.8 994.5 997.3	5051						
01N/03W-31L03 S	1149.8	7-20-63 8-20-63 9-20-63 10-18-63 11-19-63 12-18-63	157.2 166.1* 168.3 159.2	992.6 993.7 990.9 990.6	5051						
		(CONT)									

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

(CONT*)

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA											
Y-01•E0											
01N/03W-32C1 S	1286•4	6-19-64	293•9	992•5	5051	01N/04W-07F01 S	1622•0	11-19-63	231•0	1391•0	3230
01N/03W-32C2 S	1270•0**	7-20-63	273•6P	996•4	5051			11-27-63	230•6	1391•4	
		8-20-63	275•4P	994•6				1-23-64	228•5	1393•5	
		9-20-63	262•7	1007•3				2-20-64	228•0	1394•0	
		10-18-63	278•5P	991•5				3-20-64	228•6	1393•4	
		11-19-63	277•0P	993•0				4-08-64	228•0	1394•0	
		12-18-63	278•2P	993•8				5-21-64	228•8	1393•2	
		1-17-64	276•6P	993•4				6-23-64	228•0	1394•0	
		2-17-64	276•2P	993•8							
		3-17-64	276•8P	993•2							
		4-17-64	275•5P	994•5							
		5-19-64	275•0P	995•0							
		6-19-64	280•3P	989•7							
01N/03W-32N08 S	1145•0**	7-03-63	145•0	1000•0	4104	01N/04W-08M01 S	1531•2	7-31-63	236•0	1295•2	3230
		11-19-63	146•2	998•8				9-19-63	236•3	1294•9	
		11-28-63	155•8	989•2				10-15-63	236•4	1294•4	
		12-18-63	159•6	993•4				11-19-63	236•5	1294•7	
		3-08-64	150•1	994•9				11-27-63	236•2	1295•0	
								1-23-64	235•7	1295•5	
								2-20-64	235•5	1295•7	
								3-20-64	235•9	1295•3	
								4-07-64	236•0	1295•2	
								5-21-64	236•4	1294•8	
								6-23-64	239•5	1291•7	
01N/03W-33R02 S	1314•3	3-27-64	293•1*	1081•2	3400	01N/04W-06P01 S	1476•7	10-10-63	251•0	1225•7	3230
		7-30-63	276•0	1038•5				1-17-63	250•5	1226•2	
		8-26-63	276•8	1037•5				3-27-64	251•8	1225•7	
		9-29-63	279•2	1035•1				4-06-64	251•2	1225•5	
		11-24-63	279•9	1034•4							
		3-27-64	293•1	1081•2				8-01-63	14•5	1396•6	3230
		4-06-64	276•5	1037•8				10-10-63	12•8	1396•3	
		5-27-64	278•1	1036•2				11-27-63	12•0	1397•1	
		6-27-64	280•3	1034•0				2-27-64	12•4	1396•7	
								4-06-64	13•7	1395•4	
01N/03W-34H01 S	1649•6	7-30-63	83•5*	1566•1	3400	01N/04W-14R09 S	1420•0**	8-01-63	10•2	1409•8	3230
		8-26-63	96•0*	1553•6				10-10-63	10•0	1410•0	
		11-24-63	64•1*	1585•5				11-27-63	9•0	1411•0	
		2-27-64	48•6*	1601•0				2-27-64	9•6	1410•4	
		3-27-64	46•9	1602•7							
		4-25-64	45•4	1604•2				7-31-63	233•9	1178•0	3230
		5-27-64	50•3*	1599•3				9-19-63	233•2	1176•7	
		6-27-64	59•6*	1590•0				10-17-63	236•9	1175•0	
01N/04W-07F01 S	1622•0	7-31-63	271•0P	1351•0	3230	01N/04W-16E02 S	1403•3	7-31-63	229•5	1173•8	3230
		10-19-63	253•6	1308•4				8-19-63	229•7	1177•6	
		10-13-63	276•5P	1345•5				10-17-63	232•0	1171•5	
		(CONT.)						(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01-00											
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA Y-01-00						UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA Y-01-00					
01N/04W-16E02 S	1403.3	(CONT*)	253.5*	1149.8	3230	01N/04W-25A01 S	1295.6	8-05-63	246.7P	1048.9	4104
		10-29-63	231.5	1171.8				8-26-63	242.5P	1053.1	
		12-03-63	234.1	1169.2				9-03-63	242.4P	1053.2	
		1-24-64	233.9*	1169.4				9-16-63	239.6P	1056.0	
		2-20-64	233.5*	1170.8				10-01-63	233.0P	1052.6	
		3-17-64	232.5*	1170.8				10-14-63	244.0P	1051.6	
		4-19-64	233.1*	1170.2				11-18-63	227.8	1067.8	
		5-21-64	260.7*	1142.6				12-02-63	244.0P	1051.6	
		6-23-64	241.0	1162.3				12-16-63	232.0P	1053.6	
		7-31-63	231.9	1175.1	3230			1-02-64	249.8P	1045.8	
		9-19-63	232.1	1174.9				1-13-64	253.8P	1041.8	
		10-17-63	234.1	1172.9				2-14-64	234.2P	1061.4	
		10-29-63	238.9	1168.1				3-03-64	252.4P	1043.2	
		10-29-63	233.9	1173.1				3-08-64	252.0P	1043.6	
		11-02-63	233.3	1173.4				5-02-64	246.8*	1059.8	
		11-02-63	233.3	1173.7				5-30-64	243.2*	1052.4	
		2-20-64	238.9*	1168.1				8-09-63	291.6P	954.7	4104
		3-20-64	237.6*	1169.4				11-18-63	263.3	983.0	
		4-09-64	237.9	1169.1				11-29-63	260.0	986.3	
		5-21-64	245.4*	1161.6				1-11-64	288.4P	957.9	
		6-23-64	241.9	1165.1				2-14-64	282.5P	963.8	
		8-11-63	302.0*	1028.9	3230			3-08-64	266.2	980.1	
		10-11-63	305.3*	1025.6				4-06-64	256.1	990.2	3230
		11-27-63	305.0*	1025.9				5-02-64	278.7	978.7	4104
		10-10-63	166.4	1156.0				5-30-64	290.8P	955.5	
		11-27-63	166.9	1155.5				8-01-63	220.3	986.3	3230
		2-27-64	167.9	1154.5				10-10-63	217.5	989.1	
		4-06-64	169.1	1153.3				11-26-63	214.5	992.1	
		11-27-63	300.3	994.1	3230			2-25-64	216.8	989.8	
		4-06-64	298.6	995.8				4-06-64	213.5	993.1	
		10-10-63	296.4	998.4	3230			11-29-63	199.4	1008.6	4104
		11-27-63	298.9	997.9				1-11-64	199.5	1009.9	
		2-27-64	298.2	996.6				2-08-64	200.1	1007.9	
		4-15-64	44.3	1445.7	4104			4-25-64	203.5	1004.5	
		4-15-64	44.2	1445.8				4-25-64	203.7	1004.3	
		5-30-64	34.9	1446.1				5-20-64	203.9	1004.1	
		7-26-63	246.5P	1049.1	4104			11-29-63	175.8	1014.6	4104
		(CONT*)						1-11-64	198.7	991.7	
								3-08-64	177.1	1013.3	
								4-15-64	202.5*	987.9	

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

UPPER SANTA ANA RIVER HYDRO UNIT				UPPER SANTA ANA HYDRO SUBUNIT				UPPER SANTA ANA HYDRO SUBUNIT									
BUNKER HILL HYDRO SUBAREA				BUNKER HILL HYDRO SUBAREA				BUNKER HILL HYDRO SUBAREA									
Stake Well Number	G. S. Elev. (in Feet)	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Submitting Data	Stake Well Number	G. S. Elev. (in Feet)	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Submitting Data	Stake Well Number	G. S. Elev. (in Feet)	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Submitting Data
SANTA ANA RIVER HYDRO UNIT				SANTA ANA RIVER HYDRO UNIT				SANTA ANA RIVER HYDRO UNIT				SANTA ANA RIVER HYDRO UNIT					
Y-01*E0				Y-01*E2				Y-01*E0				Y-01*E2					
(CONT.)				(CONT.)				(CONT.)				(CONT.)					
01N/04W-25P04 S	1190*4	5-30-64	192*6	997*8	4104	01N/04W-26N02 S	1193*7	8-01-63	220*5	973*2	3230	01N/04W-26P03 S	1171*0	7-26-63	237*5*	933*5	3230
01N/04W-25R01 S	1212*0	8-01-63	224*6	987*4	3230			10-11-63	225*2	968*5				10-11-63	204*0	967*1	
01N/04W-26A01 S	1243*5	8-09-63	279*6P	963*9	4104			11-27-63	223*5	970*2				11-27-63	204*9	966*1	
		11-30-63	261*1	982*4				2-25-64	222*0	971*7				2-25-64	201*0	970*0	
		2-10-64	288*8	954*7				2-25-64	201*5	969*5				3-20-64	201*3	969*7	
		2-10-64	299*5P	944*0				4-08-64	199*9	971*1				5-22-64	237*5*	933*5	
		3-08-64	278*0	965*5				6-23-64	239*5*	976*5				7-26-63	267*9	976*5	3230
		5-02-64	285*4P	958*1						972*3				9-19-63	272*1	972*3	
		6-27-64	281*8P	961*7						974*2				10-17-63	270*1	974*3	
01N/04W-26A02 S	1241*0	8-09-63	287*0P	954*0	4104	01N/04W-27A01 S	1246*4	11-19-63	270*2	974*2				11-19-63	270*2	974*2	
		11-29-63	258*3	982*7				11-26-63	270*6	973*6				11-26-63	270*6	973*6	
		1-11-64	256*7	984*3				1-23-64	269*6	974*6				1-23-64	269*6	974*6	
		2-27-64	255*8	985*2				2-20-64	267*6	976*6				2-20-64	267*6	976*6	
		2-27-64	278*4P	962*6				3-17-64	267*6	978*8				3-17-64	267*6	978*8	
		3-08-64	256*1	984*9				5-22-64	206*6	973*8				5-22-64	206*6	973*8	
		5-02-64	283*4P	957*6				5-22-64	206*6	973*8				5-22-64	206*6	973*8	
		6-27-64	290*0P	951*0				5-23-64	213*8	970*8				5-23-64	213*8	970*8	
01N/04W-26E02 S	1236*2	7-26-63	268*4	967*8	3230			7-26-63	273*0*	961*0	3230			7-26-63	273*0*	961*0	3230
		10-17-63	267*5	968*7				9-19-63	260*3	973*7				9-19-63	260*3	973*7	
		11-01-63	268*0	968*2				10-17-63	261*0	973*0				10-17-63	261*0	973*0	
		12-03-63	254*8	981*4				11-19-63	263*0	971*0				11-19-63	263*0	971*0	
		1-23-64	259*8	980*4				12-03-63	259*5	974*5				12-03-63	259*5	974*5	
		2-05-64	267*8	982*2				1-24-64	259*0	975*0				1-24-64	259*0	975*0	
		3-08-64	262*0	973*6				2-20-64	257*8	976*2				2-20-64	257*8	976*2	
		5-23-64	271*8	964*4				3-20-64	259*0	975*0				3-20-64	259*0	975*0	
		6-23-64	264*2	972*0				4-07-64	256*7	977*3				4-07-64	256*7	977*3	
01N/04W-26H01 S	1227*0**	11-29-63	160*2	1066*8	4104			5-27-64	275*2*	958*8				5-27-64	275*2*	958*8	
		1-11-64	155*6	1071*4				6-23-64	265*2	968*8				6-23-64	265*2	968*8	
		3-08-64	161*3	1065*7				7-26-63	269*3	957*1				7-26-63	269*3	957*1	
		4-15-64	162*5	1064*5				9-19-63	256*6	969*5				9-19-63	256*6	969*5	
		4-25-64	163*6	1063*4				10-17-63	257*2	969*2				10-17-63	257*2	969*2	
01N/04W-26H04 S	1227*0**	1-11-64	240*8	986*2	4104	01N/04W-27G01 S	1226*4	7-26-63	269*3	957*1				7-26-63	269*3	957*1	
		3-08-64	241*2	985*8				9-19-63	256*6	969*5				9-19-63	256*6	969*5	
		4-15-64	241*4	985*6				10-17-63	257*2	969*2				10-17-63	257*2	969*2	
		4-25-64	242*2	984*8				P Pumping measurement				A Air gauge measurement					

* Questionable measurement

** Approximate ground surface elevation

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Supplying Surface In Feet	Water Supplying Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Supplying Surface In Feet	Water Supplying Elev. In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01*00											
UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA Y-01*E0						UPPER SANTA ANA HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA Y-01*E0					
01N/04W-27G01 S	1226.4	(CONT.) 11-12-63 259.6 11-12-63 259.0* 12-03-63 234.2 1-24-64 235.1 2-20-64 232.2 2-07-64 231.1 5-22-64 231.8 6-23-64 259.6	966.8 957.4 973.5 974.2 973.2 973.5 945.3 966.8	3230		01N/04W-31A01 S	1258.4	4-07-64 254.5 5-22-64 266.2 6-23-64 266.4	254.5 266.2 266.4	1003.9 972.2 992.0	3230
01N/04W-27M01 S	1189.1	7-26-63 219.3 9-19-63 222.3 10-17-63 223.0 11-14-63 221.7 12-03-63 220.3 1-23-64 221.3 2-19-64 219.5 3-19-64 220.3 4-07-64 220.5 5-21-64 223.1 6-23-64 227.1	969.8 966.8 966.1 967.4 968.8 967.8 969.6 968.8 968.6 966.0 966.0	3230		01N/04W-32D03 S	1231.0	7-31-63 225.0 9-19-63 227.8 10-17-63 227.7 11-14-63 226.0 1-21-63 227.0 1-21-64 257.6 3-20-64 258.0 3-20-64 228.0 4-07-64 228.3 5-22-64 231.5* 6-23-64 234.3*	225.0 227.8 227.7 226.0 227.0 257.6 258.0 228.3 228.6 231.5* 234.3*	1006.0 1003.2 1003.5 1004.2 1004.4 1004.4 1003.0 1002.7 1002.4 999.5 996.7	3230
01N/04W-27M02 S	1184.1	7-16-63 223.4* 8-01-63 226.0* 9-19-63 217.8 10-17-63 218.5 11-13-63 215.6 12-03-63 214.0 3-23-64 213.3 5-18-64 215.6 6-07-64 215.9 6-07-64 215.9 5-21-64 218.0 6-23-64 222.0	960.7 958.1 966.3 965.6 968.3 970.1 970.8 970.9 968.9 968.9 966.1 962.1	3230		01N/04W-32D04 S	1236.0	7-31-63 229.7 9-19-63 232.2 10-17-63 232.5 11-14-63 231.3 11-27-63 230.9 1-23-64 231.5 2-20-64 232.7 3-20-64 232.8 4-07-64 233.0 5-22-64 245.0 6-23-64 247.7	229.7 232.2 232.5 231.3 230.9 231.5 232.7 232.8 233.0 245.0 247.7	1006.3 1003.8 1003.5 1004.7 1005.1 1004.5 1003.3 1003.2 1003.0 991.0 988.3	3230
01N/04W-29F01 S	1278.0**	8-01-63 265.7 11-27-63 266.3 4-07-64 268.5	1012.3 1011.7 1009.5	3230		01N/04W-33M01 S	1161.0	8-01-63 162.1 10-11-63 162.6 11-27-63 162.8 2-27-64 163.6 4-07-64 164.1	162.1 162.6 162.8 163.6 164.1	993.9 991.7 995.2 992.5 992.2	3230
01N/04W-31A01 S	1258.4	10-11-63 253.0 11-27-63 252.6 2-20-64 254.0 3-20-64 254.6 (CONT.)	1005.4 1005.8 1004.4 1003.8 (CONT.)	3230		01N/04W-34G01 S	1141.9	7-26-63 199.2* 9-18-63 181.5 10-15-63 186.7* 11-12-63 179.0 (CONT.)	199.2* 181.5 186.7* 179.0 (CONT.)	942.7 960.4 955.2 962.9	3230

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Date to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Date to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
UPPER SANTA ANA HYDRO SUBUNIT						Y-01.E0					
BUNKER HILL HYDRO SUBAREA											
01N/04W-34G01 S	1141.9	11-12-63	190.6*	951.3	3230	01N/04W-35C03 S	1168.0	7-26-63	230.8*	937.2	3230
		12-03-63	174.2	967.7				9-18-63	205.0	965.0	
		1-23-64	177.7	966.4				10-17-63	208.8	965.2	
		2-20-64	177.7	962.7				11-17-63	199.6	969.4	
		3-19-64	179.2	962.7				12-03-63	199.6	969.0	
								1-23-64	200.2	967.8	
								2-25-64	200.5	967.7	
01N/04W-34G03 S	1136.2	7-26-63	187.4*	939.0	3230			3-20-64	199.8	968.2	
		8-06-63	196.8*	939.4				4-08-64	198.6	969.4	
		9-18-63	176.3	959.9				5-22-64	235.8*	932.2	
		10-15-63	198.0*	938.2				6-23-64	236.0*	932.0	
		11-12-63	176.6	959.6							
		11-12-63	189.5*	946.7		01N/04W-35E02 S	1129.6	8-01-63	DRY		3230
		12-03-63	172.4	963.8				11-27-63	DRY		
		1-23-64	175.8	962.4				4-07-64	DRY		
		2-20-64	175.9	960.3							
		3-19-64	177.1	959.1		01N/04W-35J02 S	1122.4	8-01-63	143.0	979.4	3230
		4-07-64	170.8	965.4				10-11-63	144.5	972.9	
		5-22-64	193.8	942.4				11-29-63	149.6	973.0	
		6-23-64	197.6	938.6				2-23-64	152.0	970.4	
								4-07-64	149.5	972.9	
01N/04W-35C01 S	1153.2	7-26-63	186.5	966.7	3230	01N/04W-35L01 S	1129.6	7-03-63	175.0	954.6	3230
		9-18-63	186.0	967.2				7-18-63	177.4	952.2	
		10-17-63	186.3	966.9				8-01-63	179.8	949.8	
		11-19-63	187.5	965.7				8-13-63	190.3	949.3	
		12-03-63	184.6	968.6				9-05-63	179.1	950.5	
		1-23-64	186.0	967.2				9-13-63	190.4	949.5	
		2-25-64	186.3	966.9				10-04-63	174.4	952.5	
		4-08-64	184.5	968.7				10-11-63	172.7	957.9	
		5-22-64	190.0	963.2				11-19-63	171.8	957.8	
		6-23-64	192.3	960.9				12-03-63	165.1	964.5	
01N/04W-35C02 S	1164.5	7-26-63	199.8	964.7	3230			12-12-63	166.5	963.1	
		9-18-63	199.6	964.9				1-02-64	169.2	960.4	
		10-17-63	199.8	964.7				1-15-64	167.5	962.1	
		11-19-63	200.5	964.0				2-07-64	167.8	961.8	
		12-03-63	197.1	967.4				2-13-64	169.5	960.1	
		1-23-64	198.6	965.9				3-06-64	188.6	961.0	
		2-25-64	198.9	965.6				3-13-64	188.4	961.2	
		3-20-64	198.6	965.9				4-03-64	187.4	962.2	
		4-08-64	195.8	968.7				4-17-64	172.4	957.8	
		5-22-64	200.1	964.4				5-01-64	171.5	958.1	
		6-23-64	202.0	962.5				5-15-64	174.1	955.5	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Well Number	G.S. Elev., In Feet	Date	Dist. G.S. To Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	Well Number	G.S. Elev., In Feet	Date	Dist. G.S. To Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
UPPER SANTA ANA HYDRO SUBUNIT											
BUNKER HILL HYDRO SUBAREA											
01N/04W-35M03 S	1122+7	7-26-63	199+0*	923+7	3230	02N/05W-19K01 S	2343+0	8-07-63	DRY	Y-01+E2	3230
		9-18-63	176+2*	946+5							
		10-15-63	197+0*	925+7		02N/06W-13M01 S	2537+6	7-19-63	32+0	2505+6	3230
		11-14-63	191+1*	931+6				8-07-63	33+4	2504+2	
		11-27-63	166+0	956+7				8-30-63	33+7	2503+9	
		1-23-64	185+4*	937+3		02N/06W-24C01 S	2567+5	12-03-63	40+8	2526+7	3230
		2-20-64	188+0*	934+7				6-23-64	41+3	2526+2	
		3-19-64	190+4*	932+3							
		4-07-64	186+6	964+1							
		5-25-64	196+3*	966+2							
		6-23-64	201+9*	920+9							
REDLANDS HYDRO SUBAREA											
01N/04W-36K07 S	1120+0	10-04-63	142+3	977+7	4104	01S/02W-19D01 S	1608+4	7-31-63	369+0	1239+4	3400
		11-19-63	140+3	979+7				11-28-63	373+1	1235+3	
		11-29-63	135+5	984+5				2-07-64	370+6	1237+8	
		1-11-64	139+7	980+3		01S/03W-13P01 S	1520+3	8-27-63	349+6P	1170+7	3400
		3-08-64	141+5	978+5				9-26-63	307+3	1213+0	
		4-15-64	138+7	981+3				11-28-63	304+6	1215+7	
		4-25-64	138+4	981+6				12-26-63	303+7	1216+6	
		5-30-64	145+6	974+4				3-30-64	301+2	1219+1	
		7-30-63	124+0*	974+9	3400			4-06-64	299+6	1220+7	
01N/04W-36G01 S	1098+9	8-09-63	124+3P	973+7	4104	01S/03W-13P02 S	1534+5	6-28-64	344+3P	1176+0	
		9-25-63	125+1*	973+8	3400			7-31-63	329+8	1204+7	3400
		11-19-63	118+8	979+2	4104			8-27-63	354+0P	1170+5	
		11-24-63	122+6	976+3	3400			9-26-63	324+0	1210+5	
		11-29-63	119+5	978+5	4104			11-28-63	321+4	1203+1	
		1-11-64	116+7	981+3				12-26-63	319+5*	1218+9	
		3-27-64	114+0	984+9				4-08-64	316+6	1218+9	
		4-06-64	112+8	985+2	4104			6-28-64	305+5*	1169+0	
		4-25-64	114+3	975+7	3400	01S/03W-24C01 S	1519+7	7-31-63	368+1P	1151+6	3400
		5-21-64	120+5*	988+5	4100			8-27-63	375+7P	1149+0	
		5-30-64	129+5*	968+6	4100			9-26-63	320+0	1164+7	
		6-27-64	134+0*	964+9	3400			11-28-63	320+4	1199+3	
01N/04W-36E01 S	1100+0**	11-22-63	110+9	989+1	4104			12-26-63	354+3*	1165+4	
		11-29-63	109+6	990+7				3-30-64	313+5	1206+2	
		12-19-63	110+3	989+7				4-06-64	312+4	1207+3	
		1-11-64	111+2	988+8				6-28-64	354+9P	1164+8	
		3-08-64	110+0	990+0							
		4-15-64	111+9	988+1				7-31-63	349+5	1233+5	3400
		4-25-64	112+0	988+0				11-28-63	351+4	1231+6	
		5-30-64	114+8	985+2				(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
UPPER SANTA ANA HYDRO SUBUNIT REDLANDS HYDRO SUBAREA						Y-01-E3					
01S/03W-24R01 S	1583.0	(CONT.) 12-26-63 3-30-64 4-06-64 5-28-64 6-28-64	351.5 347.7 347.2 346.2 348.0	1231.5 1235.3 1235.8 1236.8 1235.0	3400	01S/03W-33D01 S	1380.0**	10-31-63 1-24-64 6-01-64 6-28-64	363.9 363.3 372.8P 374.9P	1016.1 1016.7 1007.2 1005.1	4781
01S/03W-25N02 S	1590.0**	11-30-63 12-30-63	372.8 368.9A	1217.2 1221.1	3400	01S/03W-33R01 S	1465.0**	9-27-63 11-30-63 12-30-63 2-25-64 3-26-64 4-07-64 5-29-64 6-29-64	286.0 284.9 203.2 263.2 265.2 263.4 255.8 255.1	1179.0 1180.1 1201.8 1199.8 1201.6 1209.2 1209.9	3400
01S/03W-28P01 S	1264.9	7-31-63 8-28-63 9-27-63 11-30-63 12-30-63 2-25-64 3-25-64 4-07-64 5-28-64 6-27-64	180.6 182.9 181.3 179.4 181.3 181.3 181.1 179.8 184.1 186.9	1084.3 1082.0 1083.6 1085.5 1083.6 1083.6 1083.8 1085.1 1080.8 1078.0	3400	MENTONE HYDRO SUBAREA					
01S/03W-32A01 S	1287.0	8-28-63 9-27-63 11-30-63 12-31-63 2-25-64 3-25-64 5-28-64 6-27-64	225.4* 208.9 207.5 203.7 213.4* 208.2* 218.1 218.6	1061.6 1078.1 1079.5 1083.3 1073.6 1080.8 1076.4 1063.4	3400	01S/02W-17C01 S	1765.0**	3-27-64 4-06-64 5-27-64	109.2* 20.7* 28.7*	1655.8 1754.8 1736.3	3400
01S/03W-32J01 S	1263.3	8-27-63 11-30-63 2-25-64 4-07-64 5-29-64	180.4 177.1 170.0P 165.6 178.1	1082.9 1086.2 1093.3 1097.7 1085.2	3400	01S/02W-18R01 S	1762.6	7-31-63 8-27-63 9-26-63 11-28-63 12-21-63 2-27-64 3-30-64 4-08-64 6-28-64	289.2P 292.3P 248.1 246.1 247.3 244.0 248.4 253.6	1473.4 1470.3 1514.5 1516.5 1515.3 1518.6 1517.7 1507.0	3400
01S/03W-32J02 S	1368.6	7-31-63 8-28-63 9-27-63 11-30-63 2-25-64	286.9 291.7 272.7 284.5 280.9	1081.7 1076.9 1095.9 1084.1 1087.7	3400	01S/02W-19J01 S	1760.5	7-31-63 8-27-63 9-26-63 11-21-63 12-21-63 2-27-64 3-30-64 4-06-64 5-28-64 6-28-64	172.9 171.7 172.6 173.4 174.1 171.5 171.5 171.4 171.3 177.1	1513.1 1514.3 1513.4 1512.6 1511.9 1514.5 1514.5 1514.6 1514.7 1508.9	3400
01S/03W-33D01 S	1380.0**	9-19-63 9-27-63	363.2 311.4	1016.8 211.4	4781	(CONT.)					

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. in Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. in Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT Y-01*00											
UPPER SANTA ANA HYDRO SUBUNIT Y-01*E0											
MENTONE HYDRO SUBAREA Y-01*E4											
01S/02W-19J01 S	1760±5	(CONT.)	210±6	1550±1	3400	01S/02W-21D01 S	1970±0**	8-23-63	106±0P	1864±0	5203
		9-26-63	211±6	1548±7				9-26-63	105±0P	1794±0	
		10-11-63	209±0	1525±2				10-20-63	119±0P	1840±6	5203
		12-21-63	209±7	1550±8				11-26-63	75±5	1894±5	
		3-30-64	205±7	1554±8				11-28-63	73±8	1896±2	3400
		4-06-64	205±2	1555±3				12-21-63	162±8P	1807±2	
		5-28-64	209±2	1551±3				12-26-63	109±0P	1861±0	5203
		6-28-64	211±6	1549±1				1-23-64	79±5	1850±5	
								1-26-64	77±3	1892±7	3400
								2-24-64	98±5P	1871±5	5203
01S/02W-19K01 S	1723±9	9-26-63	228±7P	1495±2	3400			3-24-64	87±0	1883±0	
		11-28-63	187±2P	1536±7				3-27-64	76±9	1893±1	3400
		12-21-63	186±8P	1537±1				4-06-64	75±2	1894±8	
		4-06-64	184±2	1539±7				4-08-64	75±4	1894±6	5203
		5-28-64	197±3	1526±6				5-21-64	99±9P	1870±1	
								6-26-64	136±0P	1834±0	3400
01S/02W-20B01 S	1880±3	11-28-63	DRY		3400			6-28-64	131±8P	1838±2	
		12-21-63	DRY					7-30-63	93±0	1743±2	3400
		2-27-64	DRY					8-26-63	96±2	1740±0	
		3-30-64	DRY					9-26-63	95±6	1740±6	
		4-06-64	DRY					11-28-63	95±2	1741±0	
		5-28-64	DRY					12-21-63	95±2	1740±5	
								2-27-64	99±2	1740±5	
01S/02W-20K01 S	1907±0	7-31-63	104±6	1802±4	3400			4-06-64	99±0	1737±0	
		9-26-63	99±3	1807±5				4-08-64	99±0	1737±2	
		12-21-63	100±7	1806±3				5-28-64	98±5	1737±7	
		2-27-64	100±3	1806±7							
		3-30-64	100±1	1806±9							
		4-06-64	99±3	1807±7							
		5-28-64	102±6	1804±4							
		6-28-64	104±5	1802±5							
01S/02W-20R01 S	1895±6	12-21-63	DRY		3400			7-05-63	203±0P	1506±4	3400
		2-27-64	DRY					7-12-63	203±1P	1506±3	
		3-30-64	DRY					7-31-63	210±8P	1498±6	
		4-06-64	DRY					8-20-63	207±3P	1502±1	
		5-28-64	DRY					9-26-63	164±6	1544±8	
		6-28-64	104±5	1802±5				10-11-63	174±9*	1534±5	
								11-28-63	154±9	1554±5	
								12-21-63	150±7	1558±7	
								1-26-64	149±8	1559±6	
								3-30-64	143±9	1565±5	
								4-06-64	142±8	1566±6	
								5-27-64	140±9	1568±5	
								6-28-64	162±7	1546±7	
01S/02W-21D01 S	1970±0**	7-26-63	122±4P	1847±6	5203			7-31-63	152±7	1497±5	3400
		7-30-63	167±1P	1807±9	3400			(CONT.)			
		(CONT.)									

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dir. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dir. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
UPPER SANTA ANA HYDRO SUBUNIT MENTONE HYDRO SUBAREA											
Y-01*E0						Y-01*E4					
(CONT.)											
01S/02W-30C01 S	1650.2	8-20-63	181.5P	1468.7	3400	01S/02W-31B01 S	1880.7	9-26-63	312.7	1568.0	3400
		8-27-63	169.4P	1480.8				2-27-64	313.2	1567.5	
		9-26-63	147.3	1502.9				5-28-64	308.0	1572.7	
		11-28-63	149.0	1501.2				6-28-64	310.6	1570.1	
		12-21-63	152.3	1497.9							
		3-30-64	135.9	1514.3		01S/03W-35G05 S	1534.9	8-01-63	147.7	1387.2	3400
		4-06-64	135.1	1515.1				8-28-63	149.9	1385.0	
		6-28-64	143.7	1506.5				9-27-63	147.9	1397.4	
								11-30-63	134.1	1404.8	
01S/02W-30E01 S	1630.0**	7-31-63	125.5	1504.5	3400			12-31-63	135.0	1399.9	
		8-27-63	125.5	1504.5				2-26-64	132.9	1402.0	
		9-26-63	125.2	1504.8				3-29-64	128.8	1406.1	
		11-28-63	125.0	1505.0				4-07-64	126.4	1408.5	
		12-21-63	124.8	1505.2				2-29-64	130.9	1394.0	
		2-27-64	125.6	1504.2				6-29-64	139.1	1393.6	
		3-30-64	123.5	1504.3							
		5-06-64	123.4	1504.6							
		6-28-64	124.4	1503.6							
			123.0	1505.0							
01S/02W-30G02 S	1715.0**	7-12-63	158.4	1556.6	3400	01S/03W-35G07 S	1565.5	8-23-63	225.0P	1340.5	5203
		7-30-63	161.7	1553.1				9-29-63	210.0W	1355.5	
		8-20-63	162.2*	1552.8				10-25-63	180.0	1385.5	
		10-11-63	212.0P	1503.0				11-22-63	123.5*	1442.0	
		11-28-63	157.5	1557.5				12-20-63	167.1	1398.4	
		6-28-64	204.8	1510.2				2-20-64	168.0	1397.5	
								3-24-64	171.0	1394.5	
								4-05-64	157.0	1408.5	
								5-26-64	171.0	1394.5	
RESERVOIR HYDRO SUBAREA											
Y-01*E5						Y-01*E8					
(CONT.)											
01S/02W-29M01 S	1851.8	9-26-63	315.6	1536.2	3400	01S/03W-35G08 S	1565.8	7-28-63	183.0	1382.8	5203
		12-21-63	295.4	1556.4				8-23-63	192.1	1373.7	
		2-27-64	291.9	1570.3				9-30-63	194.2	1371.6	
		5-28-64	265.3	1586.5				10-25-63	176.2	1389.6	
								11-22-63	172.0	1394.5	
								12-20-63	168.6	1397.2	
								1-23-64	170.0	1395.8	
								2-24-64	167.5	1399.3	
								3-23-64	164.0	1401.8	
								4-06-64	152.4	1417.4	
								5-26-64	168.0	1386.3	
								6-29-64	179.5	1386.3	
01S/02W-29N01 S	1896.4	7-31-63	446.8P	1449.6	3400			7-28-63	163.0	1397.0	5203
		12-26-63	343.3P	1553.1				8-23-63	168.0	1392.0	
		5-28-64	312.5	1563.9				9-28-63	168.0	1392.0	
		6-28-64	336.6*	1557.8				10-24-63	158.6	1401.4	
								11-26-63	152.0	1408.0	
01S/02W-31B01 S	1880.7	7-31-63	321.2	1559.5	3400						
		8-27-63	323.5	1557.2							

A. Air gauge measurement

P. Pumping measurement

** Approximate ground surface elevation

* Questionable measurement

(CONT.)

(CONT.)

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

SANTA ANA RIVER HYDRO UNIT					SANTA ANA CANYON HYDRO SUBAREA									
UPPER SANTA ANA HYDRO SUBUNIT					UPPER SANTA ANA HYDRO SUBUNIT									
State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data			
RESERVOIR HYDRO SUBAREA					RESERVOIR HYDRO SUBAREA									
Y-01-E0					Y-01-E5					Y-01-E0				
(CONT.)														
01S/03W-35G11 S	1560.0	12-26-63	150.0	1410.0	5203	01S/03W-35L02 S	1614.9	6-29-64	206.9	1408.0	3400			
		1-26-64	152.0	1408.0										
		3-2-64	155.0	1408.0										
		3-25-64	141.0	1419.0										
		4-08-64	141.0	1419.0										
		5-26-64	147.0	1413.0										
		6-30-64	162.0	1398.0										
CRAFTON HYDRO SUBAREA														
01S/03W-35H03 S	1571.1	7-28-63	226.9P	1344.2	5203	01S/02W-29K01 S	1920.0**	7-31-63	269.9P	1650.1	3400			
		8-23-63	231.5P	1339.6										
		9-27-63	229.4P	1341.7										
		10-28-63	186.9	1384.2										
		11-26-63	179.5	1391.6										
		12-26-63	176.9	1394.2										
		1-23-64	181.9	1389.2										
		2-20-64	173.7	1397.4										
		3-24-64	167.9	1403.2										
		4-08-64	164.4	1406.7										
		5-28-64	193.9	1377.2										
		6-24-64	212.4P	1358.7										
SANTA ANA CANYON HYDRO SUBAREA														
01S/03W-35H04 S	1585.3	7-28-63	204.0	1381.3	5203	02S/03W-01D01 S	1789.6	11-30-63	220.5	1569.1	3400			
		9-23-63	209.0	1376.3										
		10-27-63	199.2	1383.7										
		11-26-63	187.0	1398.3										
		12-26-63	185.1	1400.2										
		1-26-64	189.4	1395.9										
		2-20-64	184.5	1400.8										
		3-24-64	178.0	1407.3										
		4-08-64	175.0	1410.3										
		5-26-64	175.0	1410.3										
		6-24-64	196.0P	1389.3										
SANTA ANA CANYON HYDRO SUBAREA														
01S/03W-35L02 S	1614.9	8-01-63	210.9	1404.0	3400	01S/02W-08C01 S	1811.0**	7-30-63	157.1P	1653.9	3400			
		9-27-63	213.0	1401.9										
		11-30-63	208.6	1406.3										
		12-30-63	208.6	1406.3										
		2-26-64	206.4	1408.5										
		3-29-64	204.6	1410.3										
		4-07-64	204.0	1410.9										
		5-29-64	203.9	1411.0										
(CONT.)														
		7-30-63	133.2P	1673.5										
		8-26-63	136.0P	1670.7										
		9-25-63	98.3	1708.4										
(CONT.)														

** Approximate ground surface elevation

• Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Spine Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	Spine Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	UPPER SANTA ANA RIVER HYDRO UNIT		Spine Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
												Y-01-E0	Y-01-E8						
UPPER SANTA ANA HYDRO SUBUNIT																			
SANTA ANA CANYON HYDRO SUBAREA																			
01S/02W-08C02 S	1806.7	(CONT.) 11-20-63 12-27-63 3-27-64 4-06-64 6-27-64	94.6 85.8 85.1 53.7 124.3P	1712.1 1720.9 1721.6 1753.0 1682.4	3400	01S/01W-11001 S	4575.0	3-20-64 3-26-64 5-22-64 6-26-64	99.0 101.0 93.0 85.0 111.7P	4476.0 4471.0 4481.0 4492.0 4463.3	5203	UPPER SANTA ANA HYDRO SUBUNIT		01S/02W-09001 S	2150.8	11-28-63 12-21-63	162.3 156.4	1988.5 1994.4	3400
MILL CREEK HYDRO SUBAREA																			
01S/01W-08G01 S	3570.0	7-25-63 8-23-63 9-20-63 10-26-63 11-22-63 12-18-63 1-23-64 2-20-64 3-26-64 4-06-64 5-22-64 6-26-64	77.0P 76.0P 14.0 58.0 14.0 27.0 34.0 47.0P 28.5 11.9 12.6 76.0*	3493.0 3494.0 3556.0 3512.0 3556.0 3543.0 3536.0 3523.0 3541.5 3558.1 3557.4 3494.0	5203	01S/02W-15P02 S	2249.9	9-26-63	52.3	2197.6	3400	UPPER SANTA ANA HYDRO SUBUNIT		01S/02W-16C01 S	2065.0	7-30-63 8-26-63 9-26-63 11-28-63 12-21-63 3-27-64 4-06-64 6-28-64	158.7P 133.7P 98.3* 77.1 67.0 115.4* 113.0*	1906.3 1931.3 1966.7 1987.9 1998.0 1949.6 1952.0 1849.9	5203
01S/01W-10L01 S	414.0	7-26-63 8-23-63 9-20-63 10-26-63 11-22-63 12-18-63 1-23-64 2-20-64 3-26-64 4-06-64 5-22-64 6-26-64	158.0P 160.0P 160.0P 161.0P 149.5P 163.0P 137.0P 137.2 153.0P 154.0P 124.4P 173.7P	998.2 980.0 980.0 997.0 997.0 997.0 997.9 4005.8 3987.0 3986.0 4015.6 3966.3	5203	01S/02W-21B02 S	2090.0	7-26-63 8-23-63 9-28-63 10-24-63 12-18-63 1-23-64 2-24-64 3-24-64 4-08-64 5-21-64 6-26-64	86.5P 83.2P 98.2P 98.2 99.2P 96.6P 58.2 70.2 2031.8 2034.8 58.2P 79.6P	2003.5 2006.8 1991.8 2031.8 1990.8 1995.4 2031.8 2019.8 2034.8 2031.8 2010.4	5203	UPPER SANTA ANA HYDRO SUBUNIT		01S/02W-21E01 S	2016.0	7-26-63 8-23-63 9-28-63 10-24-63 11-26-63 12-26-63 1-23-64	92.6P 81.6* 91.5P 74.1 74.1 72.7 74.2	1923.4 1934.4 1924.5 1941.9 1941.9 1943.3 1941.7	5203

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air-gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
UPPER SANTA ANA HYDRO SUBUNIT											
MILL CREEK HYDRO SUBAREA											
Y-01-E0											
01S/02W-21E01 S	2016.0	(CONT.)	74.6	1943.4	5203	01S/02W-22C02 S	2260.0	9-26-63	69.0	2190.2	5203
		2-24-64	75.1	1940.9				10-25-63	70.2	2189.8	
		3-24-64	75.1	1940.9				11-22-63	71.5	2188.5	
		5-21-64	81.4P	1928.6				12-27-63	95.0	2185.0	
		6-26-64	91.1P	1924.9				2-24-64	71.0	2188.0	
								3-29-64	71.0	2189.0	
01S/02W-21H02 S	2126.8	7-30-63	44.6	2082.2	3400			4-08-64	69.5	2190.5	
		8-26-63	46.0	2080.8				5-22-64	69.6	2190.4	
		9-26-63	DRY					6-26-64	71.8	2188.2	
		11-28-63	DRY					7-30-63	49.3	2149.6	3400
		12-21-63	DRY					8-26-63	45.9	2153.0	
		3-27-64	DRY					9-26-63	51.3	2147.6	
		4-06-64	DRY					11-28-63	52.9	2146.0	
		5-27-64	45.9	2080.9				12-21-63	51.2	2147.7	
		6-28-64	DRY					3-27-64	51.8	2147.1	
		7-30-63	38.9	1975.9	3400			4-06-64	52.1	2146.8	
		8-26-63	41.5	1973.3				5-27-64	48.9	2150.0	
		9-26-63	44.4	1970.4							
		11-28-63	47.8	1967.0							
		12-21-63	47.3	1967.5							
		2-27-64	47.8	1967.0							
		3-30-64	43.7	1971.1							
		4-06-64	45.2	1975.6							
		5-28-64	44.0	1972.8							
		6-28-64	44.0	1970.8							
01S/02W-21M01 S	2014.8	7-26-63	66.0P	1889.7	5203			7-10-63	310.9	895.5	4124
		8-23-63	61.0*	1894.7				8-01-63	366.7P	839.7	
		9-28-63	77.0P	1878.7				9-03-63	306.4	902.0	
		10-24-63	54.0	1901.7				10-01-63	301.2	905.2	
		11-26-63	53.5	1902.2				12-01-63	294.5	911.9	
		12-26-63	46.0	1909.7				1-02-64	290.5	915.9	
		1-23-64	43.5	1912.2				2-04-64	289.5	916.9	
		2-24-64	39.6	1916.1				3-04-64	288.5	917.9	
		3-24-64	39.5	1916.2				4-07-64	286.8	919.6	
		4-08-64	32.6	1923.1				6-02-64	300.5	905.9	
		5-21-64	47.3	1908.4				7-02-63	369.1	1229.2	4706
		6-26-64	53.6	1902.1				8-05-63	369.5	1228.8	
		7-23-63	82.0P	2178.0	5203			9-03-63	370.3	1228.0	
		8-27-63	74.0	2186.0				10-01-63	370.7	1227.6	
		(CONT.)						11-04-63	371.1	1227.2	
01S/02W-22C02 S	2260.0							11-29-63	369.9	1228.4	
								(CONT.)			
UPPER SANTA ANA HYDRO SUBUNIT											
MILL CREEK HYDRO SUBAREA											
Y-01-E9											
01S/04W-06C03 S	1184.9	1-27-64	175.9	1009.0	3230			4-08-64	172.5	1012.4	
01N/04W-31P03 S	1206.4										
SYCAMORE HYDRO SUBAREA											
Y-01-E9											

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
UPPER SANTA ANA HYDRO SUBUNIT											
SYCAMORE HYDRO SUBAREA											
Y-01.E0											
01N/05W-15K01 S	1598.3	(CONT.)	370.0	1228.3	4706	01N/05W-22A01 S	1549.8	5-04-64	403.4A	1146.4	4706
		1-03-64	349.0	1258.5				6-01-64	410.3A	1139.5	
		2-04-64	368.7	1229.6				7-26-63	210.0P	1304.0	4793
		3-03-64	375.7	1222.6				8-23-63	164.0P	1350.0	
		5-04-64	371.6	1226.7				9-27-63	150.0P	1364.0	
		6-01-64	374.5	1223.8				10-25-63	140.0A	1374.0	
01N/05W-15001 S	1595.3				4706			11-29-63	130.0A	1384.0	
		7-02-63	DRY					12-27-63	125.0A	1389.0	
		8-02-63	DRY					1-24-64	120.0A	1394.0	
		9-03-63	DRY					2-21-64	125.0A	1389.0	
		10-03-63	DRY					3-20-64	125.0A	1394.0	
		11-04-63	DRY					4-24-64	120.0A	1394.0	
		11-29-63	DRY					5-22-64	120.0A	1394.0	
		1-03-64	DRY					6-26-64	195.0P	1319.0	
		2-04-64	DRY								
		3-03-64	DRY								
		4-03-64	DRY								
		5-04-64	DRY								
		6-04-64	DRY								
01N/05W-15002 S	1590.9		433.1	1157.8	4706	01N/05W-23A02 S	1507.0**	7-26-63	182.0P	1325.0	4793
		7-02-63	439.3	1151.6				8-23-63	200.0P	1307.0	
		8-03-63	443.7	1147.2				9-27-63	185.0P	1352.0	
		10-01-63	442.1	1148.8				10-25-63	180.0P	1342.0	
		11-04-63	440.5	1152.5				11-29-63	165.0P	1387.0	
		11-29-63	438.7	1152.9				12-27-63	120.0A	1392.0	
		1-03-64	431.1	1152.9				2-21-64	115.0A	1392.0	
		2-04-64	437.1	1153.8				3-20-64	115.0A	1392.0	
		3-03-64	437.1	1153.8				4-24-64	170.0P	1337.0	
		4-02-64	444.8	1146.1				5-22-64	175.0P	1332.0	
		5-04-64	447.3	1143.6				6-26-64	175.0P	1332.0	
		6-01-64	451.0	1139.9							
01N/05W-22A01 S	1549.8		394.2A	1155.6	4706	01N/05W-23H01 S	1496.2**	7-26-63	202.2P	1294.0	4793
		7-02-63	398.8A	1151.0				8-23-63	145.2P	1351.0	
		8-01-63	405.7A	1144.1				9-27-63	143.2P	1353.0	
		9-03-63	405.7A	1144.1				10-25-63	140.2A	1356.0	
		10-01-63	408.7A	1144.1				11-29-63	125.2A	1371.0	
		11-04-63	398.8A	1151.0				12-27-63	120.2A	1376.0	
		11-29-63	396.5A	1153.3				1-24-64	150.2P	1346.0	
		1-03-64	398.8A	1151.0				2-21-64	155.2P	1341.0	
		2-04-64	398.8A	1151.0				3-20-64	135.2P	1361.0	
		3-03-64	401.1A	1148.7				4-24-64	120.2A	1376.0	
		4-03-64	403.4A	1146.4				5-22-64	120.2A	1376.0	
		(CONT.)						6-26-64	125.2A	1371.0	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air-gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	
SANTA ANA RIVER HYDRO UNIT												
UPPER SANTA ANA HYDRO SUBUNIT SYCAMORE HYDRO SUBAREA						Y-01.E0						
01N/05W-23K01 S	1454.2	(CONT.)	9-03-63	353.2P	1100.9	4706	01N/05W-26A03 S	1398.0	9-03-63	308.0P	Y-01.E9	
			10-01-63	325.7A	1120.8				1-02-64	306.5	1090.0	4124
			11-28-63	309.5A	1123.5				2-04-64	319.0P	1079.0	
			1-03-64	314.1A	1140.1				3-04-64	319.0P	1079.0	
			2-18-64	316.4A	1137.8				4-07-64	300.0	1098.0	
			3-03-64	316.4A	1137.8							
			4-02-64	314.2A	1140.0							
			5-04-64	344.3P	1109.9							
			6-01-64	359.3P	1094.9							
01N/05W-23RU3 S	1412.0**		7-10-63	349.0P	1063.0	4124	01N/05W-36H04 S	1274.2	7-10-63	372.7	901.5	4124
			8-01-63	351.5P	1060.5				8-01-63	378.4	895.8	
			9-03-63	358.0P	1054.0				9-03-63	366.9	907.3	
			11-01-63	287.0	1145.0				10-01-63	364.6	909.6	
			12-01-63	263.0	1149.0				12-01-63	360.0	914.2	
			1-02-64	261.0	1151.0				1-02-64	355.0	919.2	
			2-04-64	279.5*	1132.5				2-04-64	354.0	920.2	
			3-04-64	276.0	1136.0				3-04-64	352.0	922.2	
			4-07-64	336.0P	1076.0				4-07-64	353.0	921.2	
			6-02-64	355.0P	1057.0				6-02-64	367.5	906.7	
01N/05W-25E01 S	1383.4		7-10-63	338.0P	1065.4	4124	01N/05W-36J03 S	1261.5	7-10-63	380.2P	881.3	4124
			8-01-63	339.0P	1032.4				8-01-63	384.4P	877.1	
			9-03-63	356.0P	1027.4				9-03-63	356.7	902.6	
			10-01-63	350.0P	1053.4				10-01-63	325.0	909.2	
			11-01-63	312.0	1071.4				1-01-63	327.8	903.9	
			12-01-63	308.0	1075.4				2-04-64	349.1	912.4	
			1-02-64	306.5	1076.9				3-04-64	349.1	912.4	
			2-04-64	304.3	1079.1				4-07-64	341.1	920.4	
			3-04-64	302.0	1081.4				6-02-64	376.1P	883.4	
			4-07-64	302.0	1081.4							
			6-02-64	301.8	1081.6							
01N/05W-25E02 S	1378.2**		7-10-63	297.6	1080.6	4124	01N/05W-36R01 S	1248.2	11-15-63	379.5*	868.7	3230
			8-01-63	301.0	1077.2							
			9-03-63	308.4	1069.8							
			10-01-63	295.9	1082.3							
			12-01-63	293.8	1084.4							
			1-02-64	289.8	1088.4							
			2-04-64	287.8	1090.4							
01N/05W-26A03 S	1398.0		8-01-63	303.5P	1094.5	4124						
			(CONT.)									

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Identifier	G.S. Elev. in Feet	State Well Identifier	Dist. G.S. to Water Surface in Feet	Agency Supplying Data	State Well Identifier	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT															
SAN TIMOTEO HYDRO SUBUNIT															
YUCAIPA HYDRO SUBAREA															
Y-01.FU															
02S/03W-03N01 S	1390.0**	7-31-63	74.0	1316.0	3400	02S/03W-10F01 S	1478.2	02S/03W-10F02 S	1438.6	3400	02S/03W-24B01 S	1692.5	11-05-63	62.1	1643.7
		8-28-63	75.0	1315.0									11-27-63	61.0	1631.8
		9-27-63	75.6	1314.4									3-27-64	64.5	1644.5
		11-30-63	73.8	1316.2									4-07-64	67.7	1644.7
		12-30-63	74.1	1315.9											
		2-26-64	73.3	1316.7											
		3-29-64	73.4	1316.6											
		4-07-64	73.5	1316.5											
		5-29-64	74.4	1315.6											
		6-29-64	74.7	1315.3											
SAN TIMOTEO HYDRO SUBAREA															
Y-01.F2															
02S/01W-34W01 S	2656.8	8-01-63	377.0	2279.8	5713	03S/01W-04K01 S	2580.0**	03S/01W-04G02 S	2571.3	4103	03S/01W-05B01 S	2432.7	11-05-63	118.6	3114.1
		9-27-63	377.9	2278.9									11-27-63	129.9	3202.8
		12-06-63	377.9	2278.9									3-27-64	129.9	3202.8
		2-06-64	378.0	2278.8											
		3-20-64	378.2	2278.6											
		5-29-64	378.4	2278.4											
02S/01W-15R01 S	2286.3	11-05-63	121.5	2164.8	4103								9-27-63	316.6	4754.8
		11-27-63	121.7	2164.6									12-06-63	311.8	4755.5
		3-27-64	122.7	2163.6									2-06-64	314.8	4756.5
													5-29-64	314.8	4756.5
02S/02W-20K01 S	1877.7	11-05-63	32.4	1845.3	4103								11-05-63	118.6	3114.1
		11-27-63	32.3	1845.4									3-27-64	129.9	3202.8
		3-27-64	32.2	1845.5											
		4-07-64	32.2	1845.5											
02S/03W-03G01 S	1680.0**	4-08-64	290.0	1390.0	3400								9-27-63	316.5	4754.8
													11-27-63	311.8	4755.5
													12-06-63	314.8	4756.5
													5-29-64	314.8	4756.5
02S/03W-10B01 S	1491.8	9-27-63	145.4P	1346.4	3400								11-05-63	118.6	3114.1
		11-30-63	86.4	1405.4									3-27-64	129.9	3202.8
		12-30-63	89.0	1402.8											
		3-29-64	86.7	1405.1											
		4-07-64	86.2	1405.6											
		5-29-64	86.1	1403.7											
		6-29-64	89.0	1402.8											
02S/03W-11B01 S	1478.2	9-27-63	169.0	1329.2	3400								9-27-63	49.2	2286.7
		11-30-63	147.6	1330.0									11-27-63	46.5	2286.8
		3-29-64	145.9	1332.3									3-27-64	49.3	2286.8
													4-06-64	49.3	2286.8
													9-25-63	170.0*	2400.0
													12-12-63	153.5	4416.5

* Questionable measurement

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
SAN TIMOTEO HYDRO SUBUNIT											
SAN TIMOTEO HYDRO SUBAREA											
Y-01*F0											
035/01W-09D01 S	2570.0**	3-20-64	159*3*	2410*7	5713	025/02W-02M01 S	2386*0**	2-06-64	294*1	2091*9	5100
035/01W-09F01 S	2555*0**	7-31-63	114*3	2440*7	5713			3-13-64	289*6	2096*4	
		9-25-63	114*2	2440*8				4-10-64	288*9	2097*1	
		12-12-63	115*2	2439*8							
		3-20-64	115*8	2439*2							
		5-29-64	119*5	2435*5							
035/01W-09Q01 S	2560*0	7-05-63	83*7	2476*3	4103	025/02W-11U01 S	2320*0**	1-09-64	208*2	2111*8	5100
		7-31-63	84*1	2475*9	5713			2-06-64	224*1*	2095*9	
		8-09-63	84*4	2475*6	4103	025/02W-15A01 S	2360*0	8-28-63	260*7	2099*3	5100
		9-10-63	86*7	2473*3				10-02-63	264*9	2095*1	
		9-25-63	86*0	2474*0	5713			11-01-63	259*1	2100*9	
		11-05-63	85*2	2474*8	4103			1-09-64	256*7	2103*3	
		12-12-63	85*0	2475*0	5713			2-06-64	256*0	2104*0	
		1-10-64	85*1	2474*9	4103			3-13-64	255*4	2104*6	
		2-13-64	85*7	2474*3				4-10-64	254*5	2105*5	
		3-20-64	82*5	2477*5	5713	025/02W-15A02 S	2360*0	7-03-63	256*6	2103*4	5100
		3-27-64	85*7	2474*5				7-31-63	273*4*	2086*6	
		4-06-64	85*6	2475*2							
		5-15-64	85*6	2475*2							
		5-29-64	87*0	2473*0	5713						
		6-17-64	87*9	2472*1	4103						
035/01W-09Q03 S	2540*0**	3-20-64	218*1	2321*9	5713	015/01W-30E01 S	2816*9	7-03-63	319*2	2497*7	5100
035/01W-15G01 S	2600*0**	9-25-63	165*4*	2434*6	5713			10-02-63	319*6	2497*3	
		12-12-63	126*2	2473*8				11-01-63	318*5	2494*4	
		3-20-64	121*8	2478*2				11-21-63	325*8	2491*1	
								11-22-63	318*6	2494*3	
								1-09-64	317*7	2499*2	
035/01W-16A01 S	2540*0**	12-12-63	235*0*	2305*0	5713			2-06-64	317*2	2499*7	
								3-13-64	317*0	2499*9	
								4-23-64	317*4	2499*5	
CHICKEN HILL HYDRO SUBAREA											
Y-01*F4											
025/02W-02M01 S	2386*0**	7-31-63	326*1*	2059*9	5100	015/02W-36C02 S	2620*0	7-03-63	273*8	2346*2	5100
		7-03-63	315*8*	2070*2				7-31-63	288*9*	2331*1	
		7-31-63	326*1	2059*9				8-28-63	286*7	2334*3	
		10-02-63	302*4	2063*6				10-02-63	281*7	2338*3	
		11-01-63	317*5	2068*5				11-01-63	281*5	2338*7	
		11-22-63	312*1	2073*9							
		1-09-64	301*2	2084*8							
		(CONT.)									

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
SAN TIMOTEO HYDRO SUBUNIT											
OAK GLEN HYDRO SUBAREA											
Y-01-F0						Y-01-F6					
01S/02W-36C02 S	2620+0	(CONT.)	11-22-63	275+0	5100	02S/01W-21J01 S	2959+0**	9-26-63	126+8	2832+2	5713
			1-09-64	293+3*				12-12-63	125+1	2833+9	
			2-06-64	278+4				3-20-64	125+7	2833+3	
			3-13-64	290+6*		02S/01W-21L03 S	2879+0**	7-31-63	60+0	2619+0	5713
01S/02W-36R01 S	2710+0		10-02-63	380+2	5100			12-26-63	62+0P	2617+0	
			11-01-63	377+9				12-12-63	60+1	2615+9	
			11-22-63	388+8				3-20-64	61+2	2617+6	
			2-06-64	396+8				5-29-64	63+3P	2615+7	
			4-16-64	405+7		02S/01W-21N01 S	2761+0**	9-26-63	185+4	2575+6	5713
			7-03-63	247+3	5100			12-12-63	189+1	2576+9	
02S/02W-01F01 S	2560+0**		7-31-63	250+7				3-20-64	183+2	2577+8	
			10-02-63	248+0		02S/01W-22E01 S	2968+0**	12-12-63	161+5	2826+5	5713
			11-01-63	246+8				3-20-64	160+0	2828+0	
			11-22-63	250+3				5-29-64	160+6	2827+4	
			1-09-64	245+6		02S/01W-22M01 S	2953+0**	7-05-63	129+2	2823+8	4103
			2-06-64	244+8				7-31-63	130+3	2622+7	5713
			3-13-64	244+7				8-09-63	130+4	2824+6	4103
			4-09-64	241+8				9-26-63	129+4	2823+6	5713
								11-05-63	129+4	2823+6	4103
								11-27-63	129+9	2823+1	
								12-12-63	128+7	2624+3	5713
								1-10-64	131+8	2822+2	4103
								2-13-64	129+7	2823+5	
								3-27-64	128+2	2824+8	
								4-08-64	127+7	2823+3	
								5-15-64	134+4	2618+6	
								5-29-64	135+0*	2619+0	5713
								6-17-64	135+3	2617+7	4103
								7-31-63	120+9	2821+9	5713
02S/02W-11B01 S	2419+0		3-13-64	288+2	5100	02S/01W-22M02 S	2942+8	11-05-63	121+7	2821+1	
			7-03-63	292+5				3-20-64	120+1	2822+5	4103
02S/02W-13E02 S	2453+0		7-31-63	293+9	5100			3-20-64	119+9	2822+9	5713
			3-13-64	296+0		02S/01W-27B01 S	2880+0**	3-27-64	119+9	2822+9	4103
			4-13-64	295+7				9-05-63	594+0	2286+0	5713
						02S/01W-28U01 S	2720+0**	11-18-63	571+0	2289+0	
								7-31-63	171+9	2548+1	5713
						(CONT.)		(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Well Number	G. S. Elev., in Feet	Date	Dist. C. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. C. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA ANA RIVER HYDRO UNIT											
SAN TIMOTEO HYDRO SUBUNIT						Y-01*F0					
NOBIE CREEK HYDRO SUBAREA						Y-01*F9					
025/01W-28D01 S	2720.0**	(CONT.) 9-25-63 12-12-63 3-20-64 5-29-64	172.5 172.6 171.5 173.0	2547.5 2547.4 2549.5 2547.0	5713	025/02W-25C01 S	2280.0**	5-29-64	65.9	2214.1	5713
025/01W-29A03 S	2760.0**	9-28-63	DRY		5713	025/02W-25D04 S	2260.0**	8-01-63 12-12-63 3-20-64 5-29-64	68.8 63.9 62.4 63.3	2191.2 2196.1 2197.6 2196.7	5713
SANTA ANA RIVER HYDRO UNIT						Y-01*F0					
SAN TIMOTEO HYDRO SUBUNIT						Y-01*F0					
NOBIE CREEK HYDRO SUBAREA						Y-01*F9					
025/01W-29K01 S	2598.0**	12-12-63 3-20-64 5-29-64	364.3 365.0 365.0	2233.7 2233.0 2233.0	5713						
025/01W-29N01 S	2520.0**	8-01-63 12-12-63 3-20-64	308.6 309.1 309.3	2211.4 2210.9 2210.7	5713						
025/01W-30E02 S	2347.0**	8-01-63 12-12-63 3-20-64 5-29-64	121.4 121.1 120.9 121.6	2225.6 2225.9 2226.1 2225.4	5713						
025/01W-31G01 S	2480.0**	8-01-63	246.2	2233.8	5713						
025/01W-32F01 S	2490.0**	8-01-63 12-12-63 3-20-64 5-29-64	250.7 252.6 252.8 252.1	2239.3 2237.4 2237.2 2237.9	5713						
025/02W-23H02 S	2386.0	8-01-63 12-12-63 3-20-64 5-29-64	204.0 203.9 202.3 204.1	2182.0 2182.1 2183.7 2181.9	5713						
025/02W-25B01 S	2299.1	8-01-63 11-05-63 11-27-63 12-12-63 3-20-64 4-07-64 5-29-64	72.8 74.3 74.1 73.1 74.7 73.1 73.4	2226.3 2224.8 2225.0 2226.0 2224.9 2223.2 2226.0	5713						
025/02W-25C01 S	2280.0**	12-12-63 3-20-64 (CONT.)	67.3 64.7	2212.7 2215.3	5713						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Well No.	Date	G. S. Elev., In Feet	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev., in Feet	Agency Supplying Data	SAN JACINTO VALLEY HYDRO UNIT	
												Y-02+00	Y-02+00
PERRIS HYDRO SUBUNIT													Y-02+00
PERRIS VALLEY HYDRO SUBAREA													Y-02+00
025/04W-35A01 S	2-07-64	1120+0	359+5	760+5	5131	055/03W-29B01 S	1457+0**	10-25-63	176+7	1280+3	4103	Y-02+00	
035/03W-06D01 S	3-18-64	1649+5**	205+1	1444+4	4103	065/03W-03H02 S	1428+0**	3-24-64	171+2	1285+8		Y-02+00	
035/03W-13D01 S	7-08-63	1595+4**	141+2	1454+2	4103	065/03W-14N01 S	1501+0**	10-25-63	168+4	1259+6	4103	Y-02+00	
	8-09-63		141+6	1453+8				12-05-63	163+5	1264+5			
	9-10-63		141+4	1454+0				1-09-64	170+7*	127+7			
	11-01-63		142+3	1453+1				2-10-64	160+0	1268+0			
	12-05-63		141+6	1453+8				5-14-64	163+9	1266+1			
	1-08-64		141+3	1454+1				7-03-63	15+2	1485+8	4103		
	2-07-64		140+3	1455+1				8-06-63	23+6	1477+4			
	3-26-64		140+8	1454+6				9-06-63	21+2	1479+8			
	5-13-64		141+5	1453+9				10-25-63	17+5	1463+5			
	6-10-64		141+7	1454+2				12-05-63	17+3	1483+7			
								1-09-64	17+7	1485+8			
035/03W-15F01 S	11-01-63	1538+2	125+1	1413+1	4103			2-10-64	17+9	1483+9			
	3-20-64		131+2	1407+0				3-20-64	17+7	1483+9			
								5-15-64	17+6	1483+6			
								6-12-64	17+9	1483+1			
035/03W-31C01 S	10-21-63	1478+0**	126+6	1351+4	4103	WINCHESTER HYDRO SUBAREA							
045/03W-19F01 S	10-21-63	1477+9	77+9	1400+0	4103	055/02W-19N01 S	1458+0**	7-05-63	43+6	1414+4	4103	Y-02+00	
	3-24-64		78+3	1399+6				8-05-63	46+2*	1411+8			
								9-06-63	45+8	1412+2			
								10-25-63	45+7	1411+3			
								1-09-64	46+3	1411+7			
								1-09-64	49+5	1411+5			
								2-07-64	44+4	1413+6			
								3-19-64	47+1	1410+9			
								5-15-64	45+7	1412+3			
								6-08-64	46+8	1411+2			
045/03W-35F01 S	10-21-63	1431+9	212+9	1219+0	4103	055/02W-27E02 S	1476+4**	7-05-63	60+4	1416+0	4103	Y-02+00	
	3-24-64		213+6	1218+3				8-07-63	60+4	1416+0			
								9-06-63	60+5	1415+9			
								10-30-63	61+2	1415+2			
								12-08-63	61+5	1414+9			
								1-06-64	60+0	1415+1			
								2-07-64	61+7	1414+8			
								3-24-64	61+6	1414+8			
								5-15-64	60+9	1415+5			
055/03W-08J01 S	10-25-63	1615+7	1246+2	1246+2	4103	(CONT.)							
	3-24-64		153+7	1248+0									

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SAN JACINTO VALLEY HYDRO UNIT Y-02*00											
PERRIS HYDRO SUBUNIT WINCHESTER HYDRO SUBAREA											
Y-02*A0											
055/02W-27E02 S	1476.4**	6-17-64	62.3	1414.1	4103	055/01E-20G03 S	1877.4	7-05-63	290.0	1587.4	4103
055/02W-35C01 S	1474.5	10-30-63	102.3*	1372.2	4103			9-10-63	289.0	1588.4	
055/03W-25K01 S	1446.0	3-25-64	99.5	1375.0				10-31-63	289.1	1582.3	
		10-25-63	37.2	1408.8	4103			5-21-64	284.1	1592.0	
		3-24-64	37.9	1408.1				6-17-64	280.0	1597.4	
PERRIS HYDRO SUBUNIT HEMET HYDRO SUBAREA											
Y-02*A3											
Y-02*A5											
LAKLVIEW HYDRO SUBAREA											
Y-02*A4											
045/02W-02N01 S	1430.6	7-03-63	101.6	1329.0	4103	055/01W-09L02 S	1549.0	7-05-63	171.1*	1377.9	4103
		8-07-63	103.0	1327.6				8-07-63	171.6**	1377.4	
		9-10-63	104.6	1326.0				9-10-63	173.1*	1375.9	
		11-01-63	105.8	1324.8				10-30-63	163.7*	1385.3	
		12-05-63	106.4	1324.2				12-04-63	170.6	1378.4	
		1-08-64	105.9	1324.7				1-10-64	162.2	1386.8	
		2-07-64	104.7	1325.9				2-13-64	163.0	1386.0	
		3-26-64	106.1	1324.5				3-09-64	164.4	1384.6	
		5-13-64	107.5	1323.1				5-13-64	167.1	1381.9	
		6-10-64	108.0	1322.6				6-17-64	168.1	1380.9	
045/02W-03P01 S	1436.3	7-05-63	123.2	1313.1	4103	055/01W-10B01 S	1563.4	7-05-63	197.6	1385.8	4103
		8-07-63	122.2	1314.1				9-10-63	192.6	1390.8	
		9-10-63	123.1	1313.2				10-31-63	197.6	1385.8	
		12-01-63	123.1	1313.2				12-08-63	192.0	1391.4	
		1-08-64	124.6	1311.5				1-10-64	194.5	1388.9	
		2-07-64	123.2	1313.1				2-13-64	186.6	1396.6	
		3-26-64	125.5	1310.8				5-13-64	193.6	1389.8	
		5-13-64	125.7	1310.6				6-17-64	197.8	1385.6	
		6-10-64	125.9	1310.4							
045/02W-07J02 S	1441.0	11-01-63	199.3	1241.7	4103	055/01W-13C01 S	1688.0	3-25-64	262.3	1425.7	4103
		3-26-64	201.1*	1239.9		055/02W-12Q01 S	1498.5	3-25-64	69.3	1429.2	4103
045/02W-19J01 S	1579.0	11-01-63	25.3	1553.7	4103	065/01W-02U01 S	1672.0	7-05-63	95.0	1577.0	4103
		3-26-64	23.6	1555.4				8-07-63	93.4	1578.6	
								9-10-63	94.6	1577.4	
								10-31-63	93.4	1578.6	
								12-04-63	93.4	1578.6	
								1-06-64	93.4	1578.6	
								2-07-64	94.3	1577.7	
								3-16-64	96.0	1576.0	
								5-15-64	93.2	1578.8	
								6-17-64	94.0	1578.0	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Stone Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	Stone Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SAN JACINTO VALLEY HYDRO UNIT											
PERRIS HYDRO SUBUNIT						SAN JACINTO HYDRO SUBUNIT					
HEMET HYDRO SUBAREA						SAN JACINTO HYDRO SUBAREA					
06S/01W-10A01 S	1708.0**	3-16-64	94.5	1613.5	4103	05S/01E-05D01 S	1663.2	10-31-63	137.9	1525.3	4103
						05S/01E-05Q02 S	1715.3	2-25-64	139.5	1523.7	
						05S/01E-06A01 S	1639.0	10-31-63	DRY		4103
						05S/01E-06P01 S	1676.0	3-25-64	DRY		4103
						05S/01E-09J02 S	1784.2	5-15-64	DRY		4103
						05S/01E-09M01 S	1759.7	6-23-64	196.4	1479.6	4103
						05S/01E-14B01 S	1870.0	5-29-64	124.3	1659.9	4103
								10-31-63	78.8	1680.9	4103
								3-25-64	77.9	1681.8	
								8-07-63	123.6	1746.4	4103
								12-06-63	116.1	1755.9	
								2-13-64	144.9**	1725.1	
								3-25-64	129.3**	1760.7	
								5-15-64	109.8	1760.2	
								6-17-64	123.2	1746.6	
								7-05-63	324.2	1437.8	4103
								8-07-63	325.4	1436.6	
								9-10-63	326.2	1435.8	
								10-31-63	328.1	1433.9	
								12-06-63	327.9	1434.1	
								1-10-64	328.5	1433.5	
								2-13-64	328.5	1433.5	
								3-25-64	330.0	1432.0	
								5-15-64	330.8	1431.2	
								6-17-64	332.5	1429.5	
								3-25-64	268.1	1461.9	4103
								10-31-63	301.5	1616.5	4103
								3-25-64	300.0	1618.0	
								7-11-63	404.0*	2259.0	5713
								11-13-63	399.0	2264.0	
								3-19-64	395.6	2267.4	
								7-11-63	412.0P	2230.8	5713
								11-12-63	380.0	2262.8	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

(CONT.)

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	SAN JACINTO VALLEY HYDRO UNIT		SAN JACINTO HYDRO SUBUNIT		Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
						Y-02+00	Y-02+00	Y-02+80	Y-02+80				
SAN JACINTO VALLEY HYDRO UNIT													
SAN JACINTO HYDRO SUBUNIT													
Y-02+80													
SAN JACINTO HYDRO SUBAREA													
035/01W-03K01 S	2642+8	(CONT+)	369+4	2273+4	5713	035/01W-14D01 S	2595+0**	7-31-63	33+4	2561+6	5713	Y-02+81	
035/01W-03K02 S	2641+4	11-12-63	380+0	2261+4	5713	035/01W-16H02 S	2560+0**	9-25-63	32+2	2562+8			
035/01W-03K03 S	2633+7	3-19-64	376+0	2265+4				7-31-63	130+0	2430+0	5713		
		7-11-63	383+0	2250+7	5713			9-25-63	126+0	2434+0			
		11-13-63	370+4	2263+3				12-12-63	127+0	2433+0			
		12-06-63	368+9	2264+6				3-20-64	126+6	2433+4			
		3-19-64	365+4	2268+3				5-29-64	126+3	2433+5			
035/01W-10D01 S	2606+5	7-31-63	53+7	2552+8	5713	035/02W-07P01 S	1588+0**	11-01-63	106+6	1481+4	4103		
		9-25-63	54+3	2552+2				3-26-64	107+1	1480+9			
		12-12-63	54+2	2552+3				11-01-63	134+2	1540+8	4103		
		3-20-64	54+6	2551+9				3-26-64	135+3	1539+7			
		5-29-64	54+4	2552+1				11-01-63	9+3	1430+7	4103		
035/01W-10R01 S	2584+5	7-31-63	28+8	2555+7	5713	035/02W-21C01 S	1440+0	3-26-64	9+5	1430+5			
		9-25-63	29+1	2555+4				11-01-63	52+8	1405+2	4103		
		11-05-63	29+1	2555+4	4103	035/02W-26E01 S	1458+0**	3-26-64	52+8	1405+2			
		12-12-63	29+2	2555+3	5713			7-08-63	31+1	1395+4	4103		
		3-20-64	30+3	2554+2				8-09-63	31+2	1395+3			
		5-29-64	29+5	2555+0	4103	035/02W-29D01 S	1426+5	9-10-63	31+4	1395+1			
035/01W-10R03 S	2586+5**	7-31-63	101+5P	2483+0	5713			11-01-63	31+4	1395+1			
		9-25-63	74+4	2510+1				12-05-63	36+3	1390+2			
		12-12-63	72+7	2511+8				1-08-64	31+8	1394+7			
		3-20-64	74+9	2509+6				2-07-64	31+8	1394+7			
		5-29-64	76+2	2508+3				3-26-64	31+9	1394+6			
035/01W-12E01 S	2578+0**	7-11-63	311+0	2267+0	5713	045/01W-09Q02 S	1476+0	5-13-64	32+0	1394+5			
		9-27-63	312+5	2265+5				6-10-64	32+2	1394+3			
		12-06-63	313+0	2265+0				7-05-63	58+9	1417+1	4103		
		4-10-64	313+1	2264+5				10-31-63	57+0	1419+0			
		6-19-64	314+0	2264+0				12-06-63	56+0	1420+6			
								2-13-64	54+8	1421+2			
								3-26-64	54+8	1421+2			
								5-15-64	58+1*	1417+9			
035/01W-12N01 S	2544+2	8-01-63	251+5	2292+7	5713	045/01W-15O01 S	1500+0	10-31-63	150+1	1349+9	4103		
		9-27-63	251+7	2292+5				3-25-64	145+1	1354+9			
		12-06-63	248+4	2295+8									
		2-06-64	248+2	2296+0									
		4-10-64	248+4	2295+8									
		6-19-64	248+9	2295+3									

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

(CONT+)

TABLE C-3
GROUND WATER LEVELS AT WELLS

TABLE C-3
GROUND WATER LEVELS AT WELLS

Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data	Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data
SAN JACINTO VALLEY HYDRO UNIT Y-02-00											
ELSINORE HYDRO SUBUNIT											
ELSINORE HYDRO SUBAREA											
Y-02-B0											
(CONT.)											
04S/01W-21L01 S	1492.4	8-07-63	82.3	1410.1	4103	05S/05W-27P01 S	1483.0**	8-06-63	23.7	1459.3	4103
		9-10-63	82.1	1410.3				9-11-63	33.5	1054.5	4103
		10-31-63	80.3	1412.1				10-29-63	32.8	1056.8	
		12-06-63	78.9	1413.5				12-05-63	32.6	1060.2	
		1-10-64	78.3	1414.1				1-09-64	32.6	1064.4	
		2-13-64	76.9	1415.5				2-11-64	31.7	1088.3	
		3-25-64	74.3	1413.1				3-19-64	31.5	1089.9	
		5-15-64	80.0	1412.4				5-14-64	31.5	1088.5	
04S/01W-28F01 S	1498.7	10-31-63	119.0	1379.7	4103	05S/05W-34Q02 S	1385.0**	8-09-63	33.0	1054.5	4103
		3-25-64	116.9	1381.8				9-11-63	33.5	1051.4	
04S/02W-01M01 S	1637.0	11-01-63	134.7	1302.3	4103			10-29-63	32.8	1056.8	
		3-26-64	134.8	1302.2				12-05-63	32.6	1060.2	
05S/01W-01H01 S	1643.1	12-09-63	181.6	1461.5	4103			1-09-64	32.6	1064.4	
		3-25-64	182.2	1460.9				2-11-64	31.7	1088.3	
								3-19-64	31.5	1089.9	
								5-14-64	31.5	1088.5	
								6-12-64	32.1	1063.9	
								10-29-63	20.8	1119.2	4103
								3-19-64	19.7	1120.3	
								7-03-63	75.7	1206.1	4103
								8-09-63	75.2	1204.8	
								9-06-63	76.2	1206.6	
								10-29-63	72.5	1207.5	
								12-05-63	69.1	1210.9	
								1-09-64	67.5	1212.5	
								2-11-64	66.9	1213.1	
								3-20-64	70.6	1209.4	
								5-14-64	67.4	1211.6	
								6-12-64	68.2	1211.6	
								10-29-63	23.4	1371.6	4103
								3-20-64	23.5	1371.5	
								7-03-63	29.2	1240.8	4103
								8-09-63	29.2	1240.8	
								9-06-63	29.3	1240.7	
								10-29-63	28.8	1241.2	
								12-05-63	28.6	1241.4	
								1-09-64	28.6	1241.4	
								2-11-64	28.5	1241.5	
								(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SAN JACINTO VALLEY HYDRO UNIT											
ELSINORE HYDRO SUBUNIT ELSINORE HYDRO SUBAREA						Y-02*00					
065/04W-06601 S	1270.0**	(CONT.)* 3-20-64 5-14-64 6-12-64	28.5 28.5 28.5	1241.5 1241.5 1241.5	4103	065/04W-22M02 S	1278.2	2-04-64 3-02-64 5-01-64 6-04-64	190.0A 190.6A 192.0A 195.0A	1088.2 1087.6 1086.2 1083.2	5716
065/04W-08K02 S	1266.0	10-25-63	105.7	1158.3	4103	065/04W-22M04 S	1285.0	7-20-63 8-20-63 9-01-63 9-30-63 11-01-63 12-11-63	211.0 215.0 213.0 209.0 209.0 201.0	1074.0 1070.0 1072.0 1076.0 1076.0 1084.0	5704
065/04W-08L01 S	1272.0	10-25-63 3-20-64	87.4 86.3	1184.6 1185.7	4103			1-06-64 2-01-64 3-09-64 4-08-64 5-08-64	197.0 194.0 194.0 195.0 195.0	1088.0 1091.0 1091.0 1095.0 1090.0	
065/04W-16D01 S	1260.0	10-25-63	100.5	1159.5	4103			10-25-63 3-20-64	42.0 40.4	1367.0 1368.6	4103
065/04W-16H01 S	1272.0	8-09-63 9-06-63 10-25-63 12-05-63 1-09-64 2-11-64 3-20-64 5-14-64 6-12-64	56.8 56.8 56.9 57.0 57.1 57.0 57.1 57.2 57.3	1215.2 1215.2 1215.1 1215.0 1214.9 1214.8 1214.8 1214.8 1214.7	4103	065/04W-23N01 S	1409.0	10-25-63 3-20-64	57.7 57.7 57.9 58.5 58.5 58.0 58.0 58.0 58.0	1350.1 1350.2 1349.8 1349.9 1349.9 1349.3 1349.6 1349.6 1349.5 1349.5 1349.2 1349.2 1348.8 1348.8 1348.6	5849
065/04W-19G01 S	1257.9	10-30-63 3-20-64	25.6 24.0	1232.3 1233.9	4103	065/04W-26B01 S	1407.8	7-01-63 8-01-63 9-01-63 10-01-63 11-01-63 12-01-63	57.7 58.6 58.0 58.0 58.5 58.5	1365.2 1365.2 1349.8 1349.9 1349.9 1349.3	
065/04W-19K01 S	1283.7	10-30-63 3-20-64	35.5 40.1*	1248.2 1243.6	4103			1-01-64 2-11-64 3-20-64 5-14-64 6-12-64	58.0 58.0 58.6 59.2 59.4	1349.6 1349.6 1349.2 1348.8 1348.6	4103
065/04W-20O01 S	1290.0	10-30-63 3-20-64	18.2 18.6	1271.8 1271.2	4103			1408.0 1407.8 1408.0 1407.8 1407.8 1408.0	1408.0 1407.8 1409.0 1409.0 1407.8 1408.0	4103 4103 4103 4103 4103 4103	
065/04W-22F01 S	1290.0	10-25-63 3-20-64	DRY DRY		4103			6-12-64 3-20-64	59.2 59.4	1348.6 1348.6	5849
065/04W-22M01 S	1273.0	10-25-63 3-20-64	189.4 181.2	1083.6 1091.8	4103	065/04W-26E01 S	1362.0	3-20-64	62.2	1299.8	4103
065/04W-22M02 S	1278.2	7-10-63 8-19-63 9-15-63 10-15-63 11-19-63 12-05-63 1-06-64	204.0A 205.0A 204.0A 202.0A 197.0A 196.0A 194.0A	1074.0 1073.2 1074.2 1076.2 1081.2 1082.2 1084.2	5716	065/04W-27M01 S	1308.6	10-25-63 3-20-64	144.6 148.0	1164.0 1160.6	4103
						065/04W-28L01 S	1279.0	8-06-63 9-11-63 10-25-63 (CONT.)*	11.4 11.7 11.9	1267.6 1267.3 1267.1	4103

* Questionable measurement P Pumping measurement A Air gauge measurement

TABLE C-3
GROUND WATER LEVELS AT WELLS

TABLE C-3
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data
SAN JACINTO VALLEY HYDRO UNIT Y-02*00											
ELLSINORE HYDRO SUBUNIT ELLSINORE HYDRO SUBAREA						Y-02*C0					
06S/04W-28L01 S	1279.0	(CONT.) 12-05-63 1-09-64 2-11-64 3-20-64 5-14-64 6-12-64	11.9 12.2 12.1 17.3 12.5 12.6	1267.1 1266.8 1266.9 1266.7 1266.5 1266.4	4103	06S/05W-10B01 S	1285.0	3-19-64	31.6	1253.4	4103
06S/04W-29H04 S	1325.0	3-20-64	48.4	1276.6	4103	06S/05W-10C01 S	1331.0	10-30-63 3-19-64	54.0* 54.2*	1277.0 1276.8	4103
06S/05W-02G01 S	1278.0	10-29-63 3-19-64	84.6 84.9	1193.4 1193.1	4103	06S/05W-11M02 S	1290.0	10-30-63 3-19-64	53.0 49.9	1237.0 1240.1	4103
06S/05W-02L01 S	1278.0	10-29-63 3-19-64	87.6 86.7	1190.4 1191.3	4103	06S/05W-11O01 S	1267.3	7-03-63 8-06-63 9-11-63 10-30-63	37.1 37.8 37.6 37.1	1230.2 1229.5 1229.7 1230.2	4103
06S/05W-02L03 S	1267.0	7-03-63 8-06-63 9-11-63 10-29-63 12-05-63 1-09-64 2-11-64 3-19-64 5-14-64	77.4 77.5 77.8 78.8 77.8 77.9 77.9 77.8 77.5	1189.6 1189.5 1189.2 1188.2 1189.2 1189.1 1189.1 1189.2 1189.5	4103	06S/05W-13P01 S	1337.0	10-30-63 3-19-64	117.6 117.2	1219.4 1219.8	4103
06S/05W-02M01 S	1288.0	10-29-63	226.7	1061.3	4103	06S/05W-13Q02 S	1270.0	10-30-63 3-19-64	75.5 73.8	1194.5 1196.2	4103
06S/05W-03N01 S	1375.0	9-11-63 10-30-63 12-05-63 2-11-64 6-12-64	73.2 73.7 69.7 59.5 76.0	1301.8 1301.3 1305.3 1305.5 1299.0	4103	06S/05W-14A01 S	1271.3	3-19-64	59.7*	1211.6	4103
06S/05W-03P01 S	1327.0	3-19-64	98.8	1228.2	4103	06S/05W-14E01 S	1506.6	10-30-63 3-19-64	48.5 49.5	1458.1 1457.1	4103
06S/05W-03O01 S	1324.0	10-29-63 3-19-64	268.2 239.5*	1075.8 1084.5	4103	06S/05W-24B01 S	1330.0	8-06-63 9-11-63 10-30-63 1-03-64 2-20-64 5-10-64 6-12-64	139.7 140.1 140.3 140.3 140.7 142.1 141.1	1190.3 1189.7 1189.7 1189.3 1188.4 1187.9 1188.7	4103
06S/05W-10A01 S	1265.0	10-30-63 3-19-64	133.7 128.9	1131.3 1136.1	4103						
06S/05W-10B01 S	1285.0	10-30-63 (CONT.)	34.5	1250.5	4103						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

SAN JUAN HYDRO UNIT											
LAGUNA HYDRO SUBUNIT					LAGUNA HYDRO SUBUNIT						
ALLISO HYDRO SUBAREA					ALLISO HYDRO SUBAREA						
Store Well Number	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Date	Store Well Number	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Agency Supplying Date	
Z-01-A0											
06S/08W-23J01 S	507.5	8-07-63	27.2	480.3	5102	06S/08W-26F01 S	422.0	2-07-64	53.4	368.6	5102
		11-08-63	24.2	483.3				5-21-64	53.5	368.5	
		5-21-64	25.0	482.5							
		5-21-64	25.2	482.3							
06S/08W-23001 S	457.9	8-07-63	32.4	425.5	5102	06S/08W-26F03 S	421.9	8-07-63	68.4	353.5	5102
		11-08-63	27.7	430.2				11-08-63	60.2	361.7	
		2-07-64	23.8	434.1				2-07-64	58.2	363.7	
		5-21-64	28.9	429.0				5-21-64	56.3	365.6	
06S/08W-23002 S	451.2	8-07-63	23.7	427.5	5102	06S/08W-26F04 S	420.2	8-07-63	66.5	353.7	5102
		11-08-63	19.7	431.5				11-08-63	60.8	359.4	
		2-07-64	16.5	434.7				2-07-64	58.6	361.6	
		5-21-64	20.9	430.3				5-21-64	56.7	363.5	
06S/08W-23R01 S	461.0	8-07-63	9.2	451.8	5102	06S/08W-26F05 S	431.3	8-07-63	68.1	363.2	5102
		11-08-63	8.5	452.5				11-08-63	36.8	402.0	5102
		2-07-64	7.7	453.3				11-08-63	35.5	403.3	
		5-21-64	7.5	453.5				2-07-64	34.2	404.6	
		5-21-64	7.5	453.5				5-21-64	33.0	405.8	
06S/08W-24M01 S	507.8	8-07-63	15.0	492.8	5102	06S/08W-28M03 S	414.0	8-07-63	49.6	364.4	5102
		11-08-63	12.3	495.5				11-08-63	49.3	366.7	
		2-07-64	12.5	495.3				2-07-64	48.6	365.4	
		5-21-64	15.7	492.1				5-21-64	47.7	366.3	
06S/08W-26B01 S	440.0	8-07-63	19.6	420.4	5102	06S/08W-27J01 S	396.0	8-07-63	31.6	364.4	5102
		11-08-63	18.8	422.2				11-08-63	35.6*	359.6	
		2-07-64	17.3	422.7				2-07-64	34.0	362.0	
		5-21-64	17.4	422.6				5-21-64	25.0	371.0	
06S/08W-26B02 S	453.8	8-07-63	34.9	418.9	5102	06S/08W-27J02 S	402.5	8-07-63	29.0	373.5	5102
		11-08-63	28.0	428.8				11-08-63	28.6	373.9	
		2-07-64	25.5	428.3				2-07-64	29.4	373.1	
		5-21-64	21.1	432.7				5-21-64	29.9	372.6	
06S/08W-26B03 S	443.0	8-07-63	36.1	406.9	5102	06S/08W-27Q01 S	377.7	8-07-63	38.8	338.9	5102
		11-08-63	34.7	408.3				2-07-64	37.1	340.6	
		2-07-64	34.2	408.8				5-21-64	36.8	340.9	
		5-21-64	34.0	409.0							
06S/08W-26C01 S	438.0	2-07-64	28.0	410.0	5102	06S/08W-27Q02 S	383.0	8-07-63	40.0	343.0	5102
06S/08W-26F01 S	422.0	8-07-63	53.9	368.1	5102			11-08-63	38.8	344.2	
		11-08-63	53.6	368.4				2-07-64	38.4	346.6	
		5-21-64						5-21-64	37.8	345.2	

* Questionable measurement

† (CONT.) * Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	
SAN JUAN HYDRO UNIT												
LAGUNA HYDRO SUBUNIT						Z-01.00						
ALISO HYDRO SUBAREA						Z-01.00						
Z-01.00						Z-01.00						
06S/08W-34C01 S	367.08**	8-07-63 11-08-63 2-07-64 5-21-64	36.6 36.7 36.6 34.3	330.4 330.3 330.4 332.7	5102	06S/07W-11J01 S	1082.6	7-10-63 9-11-63 10-09-63 11-13-63 12-11-63	35.0P 38.3P 40.3 40.3 40.3	1047.8 1044.5 1043.4 1042.5 1042.5	5102	
06S/08W-34D01 S	36.3**	11-08-63 2-07-64 5-20-64	48.3 -10.5 -5.2	-12.0 -10.5 -5.2	5102			1-15-64 2-13-64 3-01-64 5-18-64 6-10-64	30.3 30.2P 30.2P 26.3P 30.5	1047.5 1047.5 1047.5 1027.5 1024.3		
07S/08W-04G01 S	320.08**	8-07-63 11-06-63 2-07-64 5-21-64	94.4 113.3 203.0 77.9	225.6 206.7 203.0 242.1	5102	06S/07W-11N01 S	980.0	7-10-63 8-18-63 9-11-63 10-09-63 11-13-63 1-15-64 2-13-64 3-11-64 4-08-64 5-13-64 6-10-64	17.3 24.7 27.7 28.0 28.9 29.7 27.8 23.4 21.1 15.2 15.5	962.7 955.3 952.3 952.0 951.1 950.3 952.2 956.6 958.9 964.8 964.5	5102	
07S/08W-05R01 S	500.0**	8-07-63 11-08-63 2-07-64 5-02-64	128.4 371.1 360.2 119.1	371.6 371.1 360.2 360.9	5102							
07S/08W-16G03 S	200.0**	8-07-63 11-08-63 2-07-64 5-21-64	7.0 7.2P 6.9P 7.3P	193.0 192.8 193.1 192.7	5102	06S/07W-11N02 S	994.0	7-10-63 8-18-63 9-11-63 10-09-63 11-13-63 12-11-63 1-15-64 2-13-64 3-11-64 4-08-64 5-13-64 6-10-64	19.5 19.0 32.4 32.9 33.4 33.6 33.8 30.5 26.4 26.4 17.6 18.4 18.0	974.5 974.5 974.5 974.5 974.5 974.5 974.5 974.5 974.5 974.5 974.5 974.5	5102	
						06S/07W-11P01 S	1011.8	7-10-63 8-18-63 9-11-63 10-09-63 11-13-63 12-11-63 1-15-64 2-13-64 3-11-64 4-08-64 5-13-64 6-10-64	20.7 27.5P 29.7P 28.6P 28.4 29.0 29.2P 26.4 26.4 17.6 18.4 18.0	991.1 984.3 982.1 983.2 983.4 982.8 982.6 967.6 970.5 970.5 970.5 976.0	5102	

** Approximate ground surface elevation

* Questionable measurement

P Pumping measurement (CONT.)

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

Side Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SAN JUAN HYDRO SUBUNIT Z-01-B0											
SAN JUAN HYDRO SUBUNIT Z-01-B0											
06S/07W-11P01 S	1011+8	(CONT.) 2-13-64 3-11-64 4-08-64 5-13-64 6-10-64	25.7 23.3 22.2P 13.5 18.6	986.1 988.5 989.6 998.3 993.2	5102	06S/07W-12M01 S	1100+6	10-09-63 11-13-63 12-11-63 1-15-64 2-13-64 3-11-64 4-08-64 5-13-64 6-10-64	37.2 38.1 37.5 33.7 29.0 25.8 24.2 20.7 28.2	1063.4 1062.5 1063.1 1066.9 1071.6 1074.8 1076.4 1079.9 1072.4	5102
06S/07W-12B02 S	1190+6	7-10-63 8-14-63 9-11-63 10-09-63 11-13-63 12-11-63 1-15-64 2-13-64 3-11-64 4-08-64 5-13-64 6-10-64	43.5P 46.0 47.6 48.3 48.2 43.1 39.2 31.8 29.3 36.2	1147.1 1146.6 1143.0 1142.3 1142.4 1147.5 1161.4 1158.8 1166.6 1161.3 1154.4	5102	06S/07W-12M02 S	1105+9	7-10-63 8-14-63 9-11-63 10-09-63 11-13-63 12-11-63 1-15-64 2-13-64 3-11-64 4-08-64 5-13-64 6-10-64	32.4P 34.6 38.7 37.9 38.5 38.2 33.9 31.0 29.3P 27.5 24.2P 31.4 1074.5 1078.4 1081.7 1074.5	1073.5 1071.3 1067.2 1068.0 1067.4 1067.7 1072.0 1074.9 1076.6 1078.4 1081.7 1074.5	5102
06S/07W-12C01 S	1168+5	7-10-63 8-14-63 9-11-63 10-09-63 11-13-63 12-11-63 1-15-64 2-13-64 3-11-64 4-08-64 5-13-64 6-10-64	23.5 23.6 23.5 24.1 24.3 23.8 23.0 23.5 19.6 22.7 23.7	1145.0 1144.9 1145.0 1144.4 1144.4 1144.7 1145.5 1145.0 1148.9 1145.8 1144.8	5102	06S/07W-15A01 S	974+7	7-10-63 8-14-63 9-11-63 10-09-63 11-13-63 12-11-63 1-15-64 2-13-64 3-11-64 4-08-64 5-13-64 6-10-64	20.5P 26.1 29.9 30.4 32.0P 31.1P 26.6 23.7P 19.1 17.6	954+2 948.6 944.8 944.3 942.7 943.6 948.1 951.0 955.6 957.1	5102
06S/07W-12F01 S	1200+0**	12-11-63 1-15-64 2-13-64 3-11-64 4-08-64 5-13-64 6-10-64	30.9 31.1 30.5 30.4 29.5 25.9 27.6	1169+1 1168.9 1169.5 1169.6 1170.5 1174.1 1172.4	5102	06S/07W-15F01 S	961+0**	7-10-63 8-14-63 9-11-63 10-09-63 11-13-63 12-11-63 1-15-64 2-13-64 3-11-64 4-08-64 5-13-64 6-10-64	18.66P 23.2P 26.6P 28.2 33.2P 31.6P 26.2 26.5P 22.5P 18.9P	942.4 937.8 934.4 932.8 927.8 929.4 934.8 934.5 938.5 942.1	5102
06S/07W-12M01 S	1100+6	7-10-63 8-14-63 9-11-63 (CONT.)	30.2P 33.8 36.4	1070+4 1066+8 1064+2	5102						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

(CONT.)

(CONT.)

(CONT.)

(CONT.)

(CONT.)

GROUND WATER LEVELS AT WELLS

GROUND WATER LEVELS AT WELLS

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SAN JUAN HYDRO UNIT											
Z-01.B0						Z-01.B0					
SAN JUAN HYDRO SUBUNIT											
06S/07W-15F01 S	961.0**	(CONT.) 6-10-64	15.7P	945.3	5102	07S/07W-19D02 S	307.0	5-14-64	24.0	293.0	5102
06S/07W-15F02 S	958.2	7-10-63	14.9*	943.3	5102	07S/07W-32U02 S	140.0**	6-25-64	24.7	282.3	
		8-14-63	19.7*	938.3				9-27-63	59.4	80.6	5102
		10-01-63	23.8	934.0				10-18-63	59.8	78.6	
		11-13-63	24.6	934.0				11-15-63	61.1	80.5	
		12-11-63	24.5*	933.9				12-20-63	52.6	87.4	
		1-15-64	24.6*	933.6				1-17-64	51.0	89.0	
		2-13-64	24.3	933.9				2-21-64	48.3	91.7	
		3-11-64	22.1*	936.1				3-20-64	49.4	90.6	
		4-08-64	18.8*	939.4				4-17-64	48.9	91.1	
		5-13-64	15.2*	943.0				5-15-64	50.5	89.5	
		6-10-64	11.8*	946.4				6-26-64	53.2	86.8	
06S/07W-15L01 S	929.7	7-10-63	17.6	912.1	5102	07S/07W-32R01 S	148.5	7-19-63	12.0	136.5	5102
		8-14-63	21.3	908.4				9-27-63	12.5	136.0	
		11-13-63	54.6*	875.1				10-18-63	15.5	133.0	
		12-11-63	59.2*	870.5				11-15-63	12.8	135.7	
		1-15-64	34.8	894.9				12-20-63	8.7	139.8	
		3-11-64	32.3	877.4				1-17-64	9.9	138.6	
		4-08-64	45.3*	884.4				2-21-64	8.4	140.1	
		5-13-64	21.6	908.1				4-17-64	8.6	139.9	
		6-10-64	16.1	913.6				5-15-64	10.2	138.3	
07S/07W-19D01 S	307.0	7-18-63	23.3	283.7	5102	07S/07W-33R01 S	200.0	7-19-63	15.4	184.6	5102
		8-15-63	25.7*	281.3				8-16-63	16.1	185.9	
		9-26-63	26.3*	280.7				9-27-63	16.4	185.6	
		10-17-63	26.3	280.7				10-18-63	14.3	184.7	
		11-14-63	26.9	280.1				12-20-63	14.8	189.2	
		12-16-63	29.0	277.0				1-17-64	10.8	189.2	
		2-20-64	29.0	278.0				2-21-64	10.9	189.1	
		3-19-64	29.7	277.3				3-20-64	11.9	188.1	
		4-16-64	28.6	278.4				4-17-64	10.7	189.3	
		5-14-64	25.4	281.6				5-15-64	12.6	187.4	
		6-25-64	26.0	281.0				6-26-64	18.8*	181.2	
07S/07W-19D02 S	307.0	7-18-63	21.7	285.3	5102	07S/07W-33M01 S	157.0	7-19-63	8.8	148.2	5102
		10-17-63	24.8	282.2				8-16-63	9.0	148.0	
		11-14-63	25.3	281.7				9-27-63	9.3	147.7	
		12-19-63	26.4	280.6				10-18-63	9.0	148.0	
		2-20-64	27.5	279.5				11-15-63	8.6	148.4	
		(CONT.)						12-20-63	8.4	148.6	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SAN JUAN HYDRO SUBUNIT Z-01+80											
075/07W-33W01 S	157+0	(CONT.)	8+4	148+6	5102	075/08W-25W01 S	230+0	10-17-63	65+5	164+5	5102
		1-17-64	8+5	148+5				11-14-63	70+1	154+9	
		2-21-64	8+5	148+5				1-16-64	72+3	157+7	
		3-20-64	8+2	148+8				2-20-64	71+1	158+9	
		4-17-64	8+3	148+7				4-16-64	74+2	150+8	
		5-15-64	8+6	148+4							
		6-26-64	9+0	148+0							
075/08W-01D01 S	362+0**	6-25-64	43+6	318+4	5102	075/08W-25W02 S	239+5	7-18-63	59+2	180+3	5102
		7-18-63	13+7	266+3	5102			9-26-63	65+3	174+2	
		8-15-63	14+0	266+0				10-17-63	65+9	173+6	
		9-26-63	14+2	265+8				11-14-63	70+5	169+0	
		10-17-63	14+2	265+8				12-19-63	68+2	171+3	
		11-14-63	14+3	265+7				1-16-64	72+7	166+8	
		12-19-63	14+0	266+0				2-20-64	71+5	168+0	
		1-16-64	13+9	266+1				3-19-64	78+3	161+2	
		2-20-64	13+8	266+2				4-16-64	75+9	163+6	
		3-19-64	13+9	266+1				6-25-64	79+1	160+4	
		4-16-64	13+9	266+1							
		5-14-64	14+2	265+8							
		6-25-64	14+6	265+4							
075/08W-24N01 S	230+0	7-18-63	14+5	215+5	5102	075/08W-25K01 S	225+0	7-18-63	54+4	170+6	5102
		8-15-63	15+1	215+9				8-19-63	50+1	168+9	
		9-26-63	14+4	216+6				9-26-63	59+6	165+4	
		10-17-63	14+5	215+5							
		11-14-63	14+7	215+3							
		12-19-63	13+8	216+2							
		1-16-64	14+0	216+0							
		2-20-64	13+8	216+2							
		3-19-64	14+3	215+7							
		4-16-64	13+4	216+6							
		5-14-64	14+3	215+7							
		6-25-64	14+0	216+0							
075/08W-25A01 S	247+0	7-18-63	62+0	185+0	5102	075/08W-36C01 S	200+4	7-18-63	46+3	154+1	5102
		8-15-63	64+2	182+8				9-26-63	52+4	148+0	
		9-26-63	68+1	178+9				12-19-63	52+0	145+4	
		10-17-63	70+9	176+1				1-16-64	54+7	148+7	
		12-19-63	69+4	177+6				2-20-64	51+9	148+5	
								3-19-64	56+0	144+4	
								4-16-64	56+6	143+8	
075/08W-25W01 S	230+0	7-18-63	58+6	171+4	5102	075/08W-36L01 S	171+3	7-18-63	38+1	133+2	5102
		9-26-63	64+6	165+2				(CONT.)			
		(CONT.)									

* Reasonable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

Store Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data	Store Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data
SAN JUAN HYDRO UNIT											
Z-01.00						Z-01.00					
SAN JUAN HYDRO SUBUNIT											
07S/08W-36L01 S	171.03	(CONT*) 8-15-63 44*1 9-26-63 42*1 10-17-63 41.0 11-14-63 44*1 12-19-63 39.0 1-16-64 42*4 2-20-64 37*5 3-19-64 42*7 4-16-64 41.0 5-14-64 47*9 6-25-64 51*8	127*2 129*2 130.3 127*2 132.3 128.9 133.8 128*6 130.3 123.4 119*5	5102	07S/08W-36P03 S	140.0	2-20-64 30*9 3-19-64 40*3 4-16-64 36*4 5-14-64 49*2 6-25-64 42*0	109*1 99*7 103*6 90*8 98*0	30*9	5102	
07S/08W-36L02 S	158.05	7-18-63 25*2 8-15-63 29*6 10-17-63 27*8 11-14-63 31*1 12-19-63 28*9 1-16-64 29*2 2-20-64 27*9 3-19-64 34*9 4-16-64 39*3	133*3 128*9 130.7 127*4 132*6 128*9 130.6 123*6 119*2	5102	08S/07W-05B01 S	130.0	7-19-63 48*2 9-27-63 48*2 10-18-63 21*8 11-15-63 82*7 12-20-63 39*5 1-21-64 30*1 2-21-64 36*9 3-20-64 42*9 4-17-64 37*2 5-15-64 86*6 6-26-64 52*4	81*8 81*8 82*7 90*5 90*1 97*1 87*1 92*8 86*6 77*6	48*2	5102	
07S/08W-36P02 S	145.0	7-18-63 21*4 8-15-63 28*6* 9-26-63 29*6* 10-17-63 22*7 11-14-63 25*9 12-19-63 19*6 1-16-64 22.0 2-20-64 17.9 3-19-64 24.0 4-16-64 24.4* 5-14-64 29*5 6-25-64 34*7*	123*6 116*4 115*4 122.3 119.1 125.4 123.0 127.1 121.0 120.6 115.5 110.3	5102	08S/07W-05C01 S	132.0	7-19-63 33*1* 8-16-63 45*2 9-27-63 43*0 10-18-63 40*0* 12-20-63 39*0 1-17-64 37*4 2-21-64 34*5 3-20-64 34*8* 4-17-64 34*9 5-15-64 35*6* 6-26-64 40*0*	98*9 86*8 89*0 92*0 93*0 94*6 97*5 97*2 97*1 96*4 92*0	33*1*	5102	
07S/08W-36P03 S	140.0	7-18-63 48*3 8-15-63 51*7 9-26-63 52*5 10-17-63 42*0 11-14-63 46*6 12-19-63 33*7 1-16-64 40*5	91*7 88*3 87*5 98*0 93*4 106*3 99*5	5102	08S/07W-05C02 S	128.7	8-16-63 47*7 12-20-63 36*2 1-17-64 36*0	81*0 92*5 92*7	47*7	5102	

* Questionable measurement

* Approximate ground surface elevation

P Pumping measurement (LDMT*)

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

SAN JUAN HYDRD SUBUNIT				SAN JUAN HYDRD SUBUNIT				SAN JUAN HYDRD SUBUNIT			
Z-01-B0				Z-01-B0				Z-01-B0			
State Well Number	G. S. Elev., in Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
(CONT.)						08S/07W-06K03 S	106.0**	6-26-64	37.8	68.2	5102
08S/07W-U5C02 S	128.7	4-17-64	34.9	93.8	5102	08S/07W-06P02 S	88.0**	7-19-63	16.5	71.5	5102
08S/07W-06H01 S	115.0	7-18-63	30.2	84.8	5102			8-16-63	17.5	70.5	
		9-27-63	33.9	81.1				9-27-63	18.8	69.2	
		12-20-63	37.5	77.5				10-18-63	17.3	70.7	
		2-21-64	38.6	76.4				11-15-63	18.4	69.6	
		3-20-64	39.9	75.1				12-20-63	17.3	70.7	
		4-17-64	39.4	75.6				1-17-64	18.7	69.3	
		5-15-64	40.4	74.6				2-21-64	17.7	70.3	
		7-19-63	27.6	85.4	5102			3-20-64	18.1	69.9	
08S/07W-06H02 S	113.0	8-16-63	27.1	85.9				4-17-64	17.6	70.4	
		9-27-63	28.9	84.1				5-15-64	26.1*	61.9	
		10-18-63	34.0	79.0				6-26-64	22.6*	65.4	
		11-15-63	35.5	77.5				7-19-63	19.4	90.6	5102
		12-20-63	36.2	76.8				8-16-63	20.1	89.9	
		1-17-64	37.7	75.3				9-27-63	21.8	88.2	
		2-21-64	38.5	74.5				10-18-63	20.4	88.6	
		3-20-64	39.0	74.0				11-15-63	21.3	88.7	
		4-17-64	39.4	73.6				12-20-63	20.3	89.7	
		5-15-64	39.6	73.4				1-17-64	21.4	88.6	
		6-26-64	40.6	72.4				2-21-64	21.3	88.7	
		8-16-63	17.2	82.8	5102			3-20-64	21.2	88.8	
08S/07W-06K02 S	100.0	10-18-63	22.3	77.7				4-17-64	20.7	89.3	
		11-15-63	25.4	74.6				5-15-64	26.9*	64.9	
		12-20-63	27.3	72.7				6-26-64	24.8	89.2	
		1-17-64	27.3	72.7				7-19-63	18.6	71.7	5102
		2-21-64	26.6	73.4				8-16-63	20.4	70.9	
		3-20-64	29.0	71.0				9-27-63	22.0	69.3	
		4-17-64	28.1	71.9				10-18-63	22.0	69.3	
		5-15-64	28.6	71.4				11-15-63	22.7	68.6	
		6-26-64	30.2	69.8				12-20-63	21.9	69.4	
		7-19-63	26.7	79.3	5102			1-17-64	22.6	68.7	
08S/07W-06K03 S	106.0**	9-27-63	28.4	77.6				2-21-64	22.1	69.2	
		10-18-63	30.5	75.5				3-20-64	22.5	68.8	
		11-15-63	34.0	72.0				4-17-64	22.1	69.2	
		12-20-63	32.7	73.3				5-15-64	22.9	68.4	
		1-17-64	35.1	70.9				6-26-64	25.5	65.8	
		2-21-64	34.3	71.7				7-18-63	73.0*	64.0	5102
		3-20-64	36.4	69.6				10-17-63	54.9*	82.1	
		5-15-64	36.7	69.3				11-14-63	57.6	79.4	
(CONT.)											

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

GROUND WATER LEVELS AT WELLS

GROUND WATER LEVELS AT WELLS

GROUND WATER LEVELS AT WELLS

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Sample in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	
SAN JUAN HYDRO SUBUNIT Z-01-B0												
(CONT.)												
08S/08W-01F01 S	137.0	12-19-63	38.8	98.2	5102	08S/08W-01Q02 S	95.5	7-18-63	32.7	62.8	5102	
		2-20-64	36.8	100.2				8-15-63	32.8	62.7		
		4-16-64	42.0*	95.0				9-26-63	29.0	66.5		
		6-25-64	49.2*	87.8				10-17-63	31.0	64.5		
08S/08W-01K01 S	110.0	9-26-63	48.4	61.6	5102			11-14-63	31.4	64.1		
		10-17-63	45.4	64.6				12-19-63	26.4	69.1		
		11-14-63	47.6	62.4				1-15-64	50.2	67.3		
		12-19-63	28.7	81.3				2-20-64	24.5	71.0		
		1-16-64	47.4	62.6				08S/08W-01Q04 S	104.0			
		2-20-64	35.0	75.0				7-18-63	42.5	58.5	5102	
		3-19-64	45.3	64.7				8-15-63	45.7	58.3		
		4-16-64	35.2	74.0				9-26-63	41.7	62.3		
		5-18-64	48.0	62.0				10-17-63	39.0	65.0		
		6-25-64	37.3	72.7				11-14-63	39.8	64.2		
08S/08W-01K02 S	105.0	9-26-63	40.1	64.9	5102			12-19-63	30.8	73.2		
		10-17-63	43.5	61.5				1-16-64	38.6	65.4		
		11-14-63	46.8	58.2				2-20-64	31.9	72.1		
		12-19-63	25.3	79.7				3-19-64	31.2	66.8		
		1-16-64	66.8*	58.5				4-16-64	36.3	71.7		
		2-20-64	33.5	71.5				5-18-64	35.0	70.3		
		4-16-64	32.9	72.1				6-25-64	35.7			
		5-18-64	47.1*	57.4				08S/08W-01Q07 S	95.0**	63.4	5102	
		6-25-64	35.3	69.7				08S/08W-11H01 S	114.0			
08S/08W-01L01 S	100.0	9-26-63	38.6	61.4	5102			7-18-63	62.0	52.0	5102	
		12-19-63	28.7	77.3				8-15-63	61.9	52.1		
		4-16-64	30.5	69.5				9-26-63	61.7	52.3		
		6-25-64	33.3	66.7				10-17-63	61.9	52.4		
08S/08W-01Q01 S	90.4	7-18-63	28.0	62.4	5102			11-14-63	62.2	51.7		
		8-15-63	30.1	60.3				12-19-63	62.3	51.8		
		9-26-63	4.5	66.1				1-16-64	62.5	51.5		
		10-17-63	23.7	66.5				2-20-64	62.5	51.5		
		11-14-63	74.5	65.9				3-19-64	62.6	51.4		
		12-19-63	17.4	73.0				4-16-64	62.8	51.2		
		1-16-64	23.1	67.5				5-14-64	62.6	51.4		
		2-20-64	17.4	73.0				6-25-64	62.2	51.8		
		3-19-64	71.6	68.6				08S/08W-12B01 S	85.5	55.9	5102	
		4-16-64	68.4	67.7				7-18-63	29.6	68.1		
		5-18-64	23.4	67.9				8-15-63	29.7	68.1		
		6-25-64	19.6	70.8				9-26-63	25.8	69.7		
								10-17-63	25.9	69.6		
								11-14-63	26.2	69.3		
								12-19-63	20.6	64.9		
								1-16-64	24.7	60.8		
								(CONT.)				

* Questionable measurement

P Pumping measurement

A Air-gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SAN JUAN HYDRO SUBUNIT Z-01*00											
SAN JUAN HYDRO SUBUNIT Z-01*00											
(CONT.)						08S/08W-12P02 S	50*0	6-26-64	16*6	33*4	5102
2-20-64	85*5		20*2	65*3	5102	08S/08W-12P03 S	54*4	7-18-63	32*8*	21*6	5102
3-19-64			23*5	62*0				8-15-63	27*7	26*7	
4-16-64			20*5	65*0				10-26-63	34*0*	30*4	
5-14-64			26*5	59*0				11-18-63	17*9	36*5	
6-25-64			21*9	63*6				11-19-63	31*6*	28*9	
								12-12-63	19*9*	34*6	
								2-20-64	13*8	40*7	
								3-19-64	12*1	42*3	
								4-16-64	19*9*	34*5	
								5-14-64	23*8	30*6	
								6-25-64	11*3	43*1	
								7-19-63	15*9	30*5	5102
								8-16-63	15*8	30*6	
								9-27-63	16*5	29*9	
								10-18-63	13*8	32*6	
								11-15-63	14*2	32*2	
								12-20-63	12*7	33*7	
								1-16-64	13*4	33*0	
								2-20-64	12*9	33*5	
								3-20-64	12*6	33*8	
								4-17-64	13*0	33*4	
								5-15-64	15*2	31*2	
								6-26-64	14*1	32*3	
								7-19-63	10*2	36*8	5102
								8-16-63	10*1	38*9	
								9-27-63	10*7	38*3	
								10-18-63	9*2	39*6	
								11-15-63	9*3	40*6	
								1-16-64	8*1	40*4	
								2-20-64	8*5	40*5	
								3-20-64	8*1	40*9	
								4-17-64	7*4	41*6	
								5-15-64	9*3	39*7	
								6-26-64	8*6	40*4	
								7-18-63	12*8	23*7	5102
								8-15-63	11*5	25*0	
								9-26-63	10*2	26*3	
								(CONT.)			
SAN JUAN HYDRO SUBUNIT Z-01*00											
SAN JUAN HYDRO SUBUNIT Z-01*00											
08S/08W-12L01 S	62*0**		23*3	38*7	5102	08S/08W-13U01 S	46*4	7-19-63	15*9	30*5	5102
2-20-64			42*2	42*2				8-16-63	15*8	30*6	
3-19-64			19*6	42*2				9-27-63	16*5	29*9	
4-16-64			20*5	41*5				10-18-63	13*8	32*6	
5-14-64			16*6	45*4				11-15-63	14*2	32*2	
6-25-64			14*9	47*1				12-20-63	12*7	33*7	
								1-16-64	13*4	33*0	
								2-20-64	12*9	33*5	
								3-20-64	12*6	33*8	
								4-17-64	13*0	33*4	
								5-15-64	15*2	31*2	
								6-26-64	14*1	32*3	
								7-19-63	10*2	36*8	5102
								8-16-63	10*1	38*9	
								9-27-63	10*7	38*3	
								10-18-63	9*2	39*6	
								11-15-63	9*3	40*6	
								1-16-64	8*1	40*4	
								2-20-64	8*5	40*5	
								3-20-64	8*1	40*9	
								4-17-64	7*4	41*6	
								5-15-64	9*3	39*7	
								6-26-64	8*6	40*4	
								7-18-63	12*8	23*7	5102
								8-15-63	11*5	25*0	
								9-26-63	10*2	26*3	
								(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

GROUND WATER LEVELS AT WELLS

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G.S.Elev. in Feet	Date	Dist.G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G.S.Elev. in Feet	Date	Dist.G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SAN JUAN HYDRO SUBUNIT Z-01*BO											
085/08W-14H02 S	36.5	(CONT.)				085/08W-23A05 S	19.3				
		10-18-63	9.9	26.6	5102			10-18-63	12.9	6.4	5102
		11-15-63	9.8	26.7				11-15-63	12.6	6.7	
		12-19-63	9.8	26.7				12-20-63	12.3	7.0	
		1-16-64	9.5	27.0				1-16-64	12.3	7.0	
		2-02-64	9.6	26.9				2-20-64	12.1	7.2	
		3-19-64	9.7	26.8				3-20-64	12.3	7.0	
		4-16-64	9.5	27.0				4-15-64	12.4	6.9	
		5-15-64	11.5	25.0				5-15-64	12.7	6.7	
		6-25-64	14.5	22.0				6-26-64	13.0	6.3	
SAN JUAN HYDRO SUBUNIT Z-01*BO											
085/08W-14H03 S	35.8										
		7-18-63	9.7	26.1	5102						
		8-12-63	9.7	26.5							
		9-18-63	9.7	26.1							
		10-18-63	9.4	26.4							
		11-15-63	9.3	26.5							
		12-19-63	9.0	26.8							
		1-16-64	9.1	26.7							
SAN JUAN HYDRO SUBUNIT Z-01*BO											
085/08W-14H04 S	32.0**										
		4-16-64	19.6	16.4	5102						
		5-15-64	17.4	14.6							
SAN JUAN HYDRO SUBUNIT Z-01*BO											
085/08W-14Q01 S	19.0**										
		4-16-64	14.3	4.7	5102						
		6-25-64	14.8	4.2							
SAN JUAN HYDRO SUBUNIT Z-01*BO											
085/08W-14Q02 S	19.0**										
		4-16-64	8.5	10.5	5102						
		6-25-64	8.9	10.1							
SAN JUAN HYDRO SUBUNIT Z-01*BO											
085/08W-23A04 S	25.0										
		7-19-63	17.5	7.5	5102						
		8-16-63	17.4	7.6							
		9-27-63	17.9	7.1							
		10-18-63	16.9	8.1							
		11-15-63	16.6	8.4							
		12-20-63	16.3	8.7							
		1-16-64	16.2	8.8							
		2-20-64	16.1	8.9							
		3-20-64	16.3	8.7							
		4-17-64	16.5	8.5							
		5-12-64	16.5	8.5							
		6-26-64	17.0	8.0							
SAN JUAN HYDRO SUBUNIT Z-01*BO											
085/08W-23A05 S	19.3										
		7-19-63	13.4	5.9	5102						
		8-16-63	13.3	6.0							
		9-27-63	13.5	5.8							

* Questionable measurement

** Approximate ground surface elevation (CONT.)

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SANTA MARGARITA HYDRO UNIT											
MURRIETA HYDRO SUBUNIT WILDOMAR HYDRO SUBAREA						MURRIETA HYDRO SUBUNIT MURRIETA HYDRO SUBAREA					
Z-02.C0						Z-02.C0					
06S/04W-26M01 S	1351.0	7-03-63	47.2P	1303.8	4103	07S/03W-17P10 S	1094.0**	9-06-63	53.8	1040.2	4103
		8-09-63	50.1P	1300.9				10-25-63	54.3	1039.7	
		9-06-63	45.2P	1305.8				12-05-63	54.8	1039.2	
		10-25-63	50.0P	1301.0				DRY			
		12-05-63	45.4P	1305.6				2-11-64	DRY		
		1-09-64	40.7	1310.3				3-20-64	DRY		
		2-11-64	48.0P	1303.0							
		3-20-64	50.0P	1301.0		08S/03W-12M06 S	1009.1	7-03-63	23.6	985.5	4103
		5-14-64	45.8	1305.2				8-06-63	23.6	985.5	
		6-12-64	49.6P	1301.4				9-06-63	23.6	985.5	
								10-25-63	23.7	985.4	
06S/04W-27N02 S	1290.9	10-25-63	78.0	1212.9	4103			12-05-63	23.7	985.4	
		3-20-64	77.5	1213.4				1-09-64	23.7	985.4	
								2-11-64	23.4	985.7	
06S/04W-33B01 S	1310.0	10-30-63	59.5	1250.5	4103			3-20-64	23.6	985.8	
		3-20-64	60.1	1249.9				5-14-64	23.6	985.5	
								6-12-64	23.5	985.6	
06S/04W-35F02 S	1280.0**	7-13-63	82.9	1197.1	4103						
		8-09-63	87.7*	1192.3		08S/03W-12P08 S	1002.5**	7-03-63	18.9	983.6	4103
		9-06-63	81.7	1198.3				8-06-63	19.4	983.1	
		10-25-63	75.6	1204.4				9-06-63	19.3	983.2	
		12-05-63	73.4	1206.6				10-25-63	20.4	982.1	
		1-09-64	72.5	1207.5				1-09-64	19.0	983.5	
		2-11-64	72.6	1207.2				3-20-64	18.7	983.8	
		3-20-64	71.2	1208.4							
		5-14-64	71.0	1208.4				7-03-63	14.9	978.3	4103
		6-12-64	71.1	1208.9				8-06-63	14.7	978.5	
								9-06-63	14.7	978.5	
07S/04W-03A01 S	1270.0	8-06-63	82.5	1187.5	4103			10-25-63	14.6	978.6	
		9-06-63	82.8	1187.2				2-11-64	14.5	978.7	
		10-25-63	82.9	1187.1				3-20-64	14.4	978.8	
		12-05-63	82.5	1187.5				5-14-64	14.4	978.8	
		1-09-64	82.3	1187.7				6-12-64	15.7P	977.5	
		2-11-64	82.6	1187.4							
		3-20-64	81.9	1188.1							
		5-14-64	82.2	1187.8							
		6-12-64	82.8	1187.2							
MURRIETA HYDRO SUBAREA											
Z-02.C2						Z-02.C2					
07S/03W-17P10 S	1094.0**	7-03-63	51.7	1042.3	4103						
		8-06-63	52.7	1041.3							
		(CONI.1)									

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data
PECHANGA HYDRO SUBUNIT											
PAUBA HYDRO SUBAREA											
Z-02•E0											
085/02W-11J02 S	1182.3	7-15-63	57.1	1125.2	5708						
085/02W-11L01 S	1162.0	7-15-63 7-16-63	46.3	1115.7	5708 DRY						
085/02W-12H01 S	1214.2	7-15-63 7-16-63	79.4	1134.8	5708 DRY						
SANTA MARGARITA HYDRO UNIT											
Z-02•00											

• Questionable measurement

•• Approximate ground surface elevation

P. Pumping measurement

A. Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G S Elev. in Feet	Date	Dist. G. S. Water Surface In Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G S Elev. in Feet	Date	Dist. G. S. Water Surface In Feet	Water Surface Elev. in Feet	Agency Supplying Data
SAN LUIS REY HYDRO UNIT											
BONSALL HYDRO SUBUNIT MISSION HYDRO SUBAREA						BONSALL HYDRO SUBUNIT MISSION HYDRO SUBAREA					
Z-03*A0						Z-03*A0					
115/04W-09E01 S	64.6	7-01-63	67.3	-2.7	5202	115/04W-18C06 S	30.0**	3-03-64	33.0	-3.0	5205
115/04W-09E01 S	64.6	8-05-63	68.5	-3.9	5202	115/04W-18C09 S	32.0**	7-01-63	44.0	-12.0	5205
		9-03-63	70.3	-5.7				8-05-63	43.5	-11.5	
		11-04-63	74.7	-10.1				9-02-63	39.8	-6.5	
		12-02-63	69.3	-4.7				10-07-63	37.1	-9.1	
		1-06-64	68.7	-4.1				12-02-63	31.8	-9.8	
		2-03-64	67.8	-3.2				1-06-64	35.7	-1.7	
		3-02-64	66.1	-1.5				5-03-64	31.9	0.1	
		4-08-64	65.6	-1.0				4-06-64	29.8	2.2	
		5-04-64	65.1	-0.5				5-04-64	30.7	1.3	
		6-01-64	67.3	-2.7				6-01-64	31.0	1.0	
115/04W-18C04 S	35.0**	7-01-63	42.3	-7.3	5205	115/04W-18E01 S	33.0	7-01-63	39.4	-6.4	5205
		8-05-63	45.2	-10.2				8-05-63	39.8	-6.8	
		9-02-63	45.8	-10.8				9-02-63	36.1	-3.1	
		10-07-63	38.4	-3.4				10-07-63	34.7	-1.7	
		12-02-63	39.2	-4.2				12-02-63	33.9	-0.9	
		1-06-64	35.2	-0.2				1-06-64	31.6	1.4	
		2-03-64	34.5	0.5				2-03-64	30.5	2.5	
		3-03-64	33.5	1.5				3-03-64	29.6	3.4	
		4-06-64	31.3	3.7				4-06-64	26.2	6.8	
		5-04-64	32.2	2.8				5-04-64	27.2	5.8	
		6-01-64	32.4	2.6				6-01-64	28.2	4.8	
115/04W-18C05 S	36.0**	7-01-63	40.7	-4.7	5205	115/04W-18G02 S	38.8	8-05-63	43.8P	-5.0	5202
		8-05-63	45.0	-9.0				9-03-63	42.3	-3.5	
		9-02-63	38.7	-2.7				11-04-63	38.6	0.2	
		10-07-63	37.4	-1.4				12-02-63	37.4	1.4	
		12-02-63	40.0	-4.0				1-06-64	37.0	1.8	
		1-06-64	34.2	1.8				2-03-64	35.6	3.2	
		2-03-64	33.3	2.7				4-06-64	33.0	5.7	
		3-03-64	32.7	3.3				5-04-64	32.2	6.2	
		4-06-64	30.7	5.3				6-01-64	32.6	5.5	
		5-04-64	31.6	4.4							
		6-01-64	31.6	4.4							
115/04W-18C06 S	30.0**	7-01-63	43.8	-13.8	5205	115/04W-18L03 S	38.0	7-01-63	48.3*	-10.3	5202
		8-05-63	44.4	-14.4				8-05-63	43.3P	-5.3	
		9-02-63	39.8	-9.8				9-03-63	41.8	-3.8	
		10-07-63	38.4	-8.4				11-04-63	38.3	-0.3	
		12-02-63	38.9	-8.9				12-02-63	37.1	0.9	
		1-06-64	34.8	-4.8							
		2-03-64	33.9	-3.9							

* Questionable measurement
** Approximate ground surface elevation

P Pumping measurement
A Air gauge measurement

(CONT.)

TABLE C-4
GROUND WATER LEVELS AT WELLS

Site Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data	Site Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data
SAN LUIS REY HYDRO UNIT Z-03+00											
BONSALL HYDRO SUBUNIT MISSION HYDRO SUBAREA						Z-03+00					
11S/04W-18L03 S	38.0	(CONT.)	36.6	1.4	5202	11S/05W-24B01 S	23.6	7-01-63	29.3	-5.7	5202
		1-06-64	35.3	2.7				8-05-63	28.0	-4.4	
		2-03-64	35.3	2.7				9-03-63	27.7	-4.1	
		3-02-64	33.2	4.8				11-04-63	26.3	-2.7	
		4-08-64	32.8	5.2				12-02-63	25.0	-1.4	
		5-04-64	32.2	5.8				1-06-64	24.5	-0.9	
		6-01-64	32.8	5.2				2-03-64	24.0	-0.4	
11S/04W-18L19 S	31.0**	7-01-63	42.7	-11.7	5205			3-02-64	23.2	0.4	
		8-05-63	41.3	-10.3				4-08-64	22.3	1.3	
		9-02-63	39.2	-8.2				5-04-64	22.1	1.5	
		1-07-63	36.0	-6.0				6-01-64	21.9	1.7	
		12-02-63	37.0	-4.0				Z-03+02			
		2-09-64	35.7	-5.3				11-11-63	49.1	188.0	5050
		3-03-64	34.2	-6.2				1-17-64	47.7	18.4	5408
		4-06-64	33.7	-7.3				6-30-64	DRY		
		5-04-64	33.5	-7.5				Z-03+08			
		6-01-64	33.2	-7.2				7-15-63	40.4	181.6	5408
11S/05W-13N02 S	17.7	7-01-63	20.7	-3.0	5202			8-14-63	41.3	180.7	
		8-05-63	20.0	-2.3				9-15-63	42.0	180.0	
		9-03-63	20.1	-2.4				10-14-63	42.3	179.7	
		11-04-63	18.5	-0.8				11-11-63	44.2	177.8	5050
		12-02-63	18.0	-0.3				11-15-63	42.6	179.4	5408
		1-06-64	17.7	0.6				12-16-63	42.7	179.3	
		2-03-64	17.1	0.6				1-16-64	42.7	179.3	
		3-02-64	16.8	0.9				2-14-64	42.8	179.2	
		4-08-64	17.3	0.4				3-16-64	43.0	179.0	
		5-04-64	15.7	2.0				4-16-64	43.0	179.0	
		6-01-64	15.8	1.9				4-17-64	44.7	177.1	5050
11S/05W-13P02 S	21.5	7-01-63	25.5	-4.0	5202			5-15-64	43.1	178.9	5408
		8-05-63	24.8	-3.3				6-15-64	43.3	178.7	
		9-03-63	24.4	-2.9				Z-03+10			
		11-04-63	36.6	-15.1				6-30-64	DRY		
		12-02-63	23.7	-2.2				7-15-63	43.8	178.2	5408
		1-06-64	25.9	-3.5				8-14-63	45.0	177.0	
		3-02-64	24.8	0.7				9-16-63	45.6	176.4	
		4-08-64	20.2	1.3				10-18-63	45.6	176.4	
		5-04-64	19.8	1.7				11-12-63	43.7	176.3	
		6-01-64	20.4	1.1				12-12-63	43.7	176.3	
								1-16-64	46.7	175.3	
								(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SAN LUIS REY HYDRO UNIT											
BONSALL HYDRO SUBUNIT BONSALL HYDRO SUBAREA						Z-03*00					
Z-03*00						Z-03*02					
105/03W-11N04 S	222.0**	2-14-64 3-16-64 4-5-64 5-16-64 6-1-64 6-15-64	45.8 176.1 176.1 175.9 175.9	176.2 176.1 175.9 175.5	5408	105/03W-15E01 S	206.0**	4-02-64 4-17-64 5-02-64 6-01-64	46.2 48.5* 50.7* 48.0	159.8 157.5 155.3 158.0	5050
105/03W-15A01 S	224.0**	7-03-63 8-08-63 9-01-63 10-06-63 11-02-63 11-11-63 12-05-63 1-02-64 2-02-64 3-03-64 4-02-64 4-17-64 5-02-64 6-01-64	40.0 40.5 41.5 41.4 41.5 42.1 42.9 42.2 42.2 42.3 42.4 42.3 42.7 48.9	184.0 183.5 182.5 182.6 182.5 181.9 181.1 181.8 181.7 181.6 181.7 181.7 181.3	5050	105/03W-15F02 S	207.5	7-15-63 8-14-63 9-16-63 10-14-63 11-15-63 12-16-63 1-16-64 2-14-64 3-16-64 4-16-64 5-15-64 6-15-64	DRY DRY DRY DRY 44.7 48.9 49.2 49.4 49.7 55.9 47.6	162.8 158.6 158.3 158.1 157.8 151.6 159.9	5408
105/03W-15B01 S	211.0**	11-11-63	45.3	165.7	5050	105/03W-16E01 S	188.0**	7-11-63 8-07-63 9-12-63 10-14-63 11-06-63 12-17-63 1-16-64 2-21-64 3-12-64 4-14-64 5-12-64 6-15-64	35.5P 36.5P 36.6P 35.5P 35.7P 33.0P 31.3P 29.9P 29.3P 29.8P 31.2P 33.9P	154.5 151.5 151.4 152.5 152.3 155.0 156.7 158.1 158.7 158.6 158.1	4750
105/03W-15B02 S	215.0**	11-11-63	49.1	165.9	5050	105/03W-16E02 S	188.0**	7-25-63 8-01-63 8-24-63 9-12-63 10-14-63 11-06-63 12-17-63 1-16-64 2-21-64 3-12-64 4-14-64 5-12-64 6-15-64	59.5P 59.5P 59.8P 56.4P 51.7P 45.3P 42.5P 42.5P 42.5P 42.5P 42.5P 42.5P	128.5 128.2 128.2 131.6 136.3 142.7 142.5 133.7	4750
105/03W-15C01 S	206.6**	11-11-63	DRY	DRY	5050	105/03W-16E03 S	189.0**	7-11-63 8-07-63 (CONT.)	46.3P 45.0P (CONT.)	142.7 144.0	4750
105/03W-15C02 S	209.9	11-11-63	DRY	DRY	5050						
105/03W-15C03 S	210.0 207.8	11-11-63 6-30-64 6-30-64	DRY DRY DRY	5080 5080 5408	5080 5408						
105/03W-15E01 S	206.0**	7-03-63 8-04-63 9-01-63 10-06-63 11-02-63 11-11-63 12-05-63 1-02-64 2-02-64 3-03-64 4-02-64 4-17-64 5-02-64 6-01-64	45.1* 46.9 46.5 47.1 47.1 45.3 45.6 45.6 45.6 45.6 45.6 46.0 46.0	160.9 159.1 159.5 158.9 158.9 160.7 160.4 160.4 160.4 160.4 160.4 160.4	5050						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data	State Well Number	G.S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elevation in Feet	Agency Supplying Data
SAN LUIS REY HYDRO UNIT Z-03*00											
BONSALL HYDRO SUBUNIT Z-03*AD						BONSALL HYDRO SUBUNIT Z-03*AO					
BONSALL HYDRO SUBAREA Z-03*AZ											
105/03W-16E03 S	189.0**	(CONT.) 9-12-63 10-14-63 10-24-63 5-18-64 6-03-64 6-15-64	47.1P 42.9P 42.2P 42.7P 43.7P 59.3P	141.9 146.1 146.8 146.3 139.3 129.7	4750	105/03W-16F04 S	192.0**	7-11-63 8-07-63 9-12-63 10-14-63 11-06-63 5-18-64 6-03-64 6-15-64	51.3P 50.6P 49.4P 48.1P 50.0P 43.0P 59.9P 61.0P	140.7 141.4 142.6 143.9 146.0 147.0 134.1 131.0	4750
105/03W-16E04 S	189.0**	7-25-63 10-14-63 11-06-63 5-18-64 6-03-64 6-15-64	59.9P 58.0P 59.1P 49.1P 37.8P 46.8P	129.1 126.9 138.9 141.9 151.2 142.2	4750	105/03W-16F05 S	190.0**	7-11-63 8-07-63 9-12-63 10-14-63 11-06-63 5-18-64 6-03-64 6-15-64	36.9P 37.1P 36.9P 36.9P 36.5P 36.5P 38.1P 35.2P	153.1 152.1 152.9 151.5 151.5 157.8 157.8 154.8	4750
105/03W-16F01 S	190.0**	7-11-63 8-07-63 9-12-63 10-14-63 11-06-63 5-18-64 6-03-64 6-15-64	38.2P 39.4P 39.0P 38.5P 38.8P 37.9P 35.8P 31.6P	151.8 150.6 151.0 151.5 151.2 152.1 154.2 153.0	4750	105/03W-16F06 S	189.0**	7-11-63 8-07-63 9-12-63 10-14-63 11-06-63 5-18-64 6-03-64 6-15-64	34.6P 33.6P 31.0P 32.0P 32.9P 33.2P 37.0P 36.3P	154.4 153.1 152.3 152.3 157.1 157.1 156.8 153.0	4750
105/03W-16F02 S	188.0**	7-01-63 7-11-63 8-01-63 8-07-63	36.3P 36.5P 35.3P 35.8P	133.7 133.7 132.7 132.2	4750	105/03W-16F07 S	189.0**	7-11-63 8-07-63 9-12-63 10-14-63 11-06-63 5-18-64 6-03-64	42.9P 46.9P 44.7P 44.8P 46.5P 43.4P 47.2P 34.1P	146.1 146.1 144.7 144.8 144.3 142.8 145.8 151.1	4750
105/03W-16F03 S	193.0**	7-11-63 8-07-63 9-12-63 10-14-63 11-06-63 5-18-64 6-03-64	46.6P 44.2P 44.8P 44.8P 43.4P 47.2P 34.1P	168.6 148.8 148.2 149.6 145.8 195.9 158.9	4750	105/03W-16F08 S	190.0**	7-11-63 8-07-63 9-12-63 10-14-63 11-06-63 5-18-64 6-03-64	37.8P 38.9P 38.9P 38.9P 38.9P 38.9P 38.9P	152.2 151.1 151.1 151.1 151.1 151.1 151.1	4750

* Query for measurement.

P Pumping measurement

A Air gauge measurement

** Approximate ground surface elevation

(CONT.)

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G.S Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G.S Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SAN LUIS REY HYDRO UNIT											
BONSALL HYDRO SUBUNIT						BONSALL HYDRO SUBAREA					
7-03-A0						Z-03-A2					
105/03W-16F08 S	190.0**	10-14-63 (CONT.)	38.3P	151.7	4750	105/03W-16L01 S	190.0**	11-02-63	33.7	156.3	5050
		11-06-63	38.9P	151.1				11-11-63	34.9	159.1	
		12-17-63	35.4P	154.6				12-05-63	35.2	158.8	
		1-16-64	31.7P	156.3				1-02-64	34.1	159.9	
		2-21-64	31.0P	158.5				2-02-64	33.6	156.4	
		4-12-64	31.0P	158.0				4-03-64	32.9	157.1	
		5-12-64	32.8P	157.2				5-02-64	33.7	157.9	
		6-15-64	36.1P	153.9				6-01-64	35.4	156.6	
BONSALL HYDRO SUBUNIT						BONSALL HYDRO SUBAREA					
105/03W-16F09 S						105/03W-20B01 S					
	190.0**	7-11-63	59.4P	130.6	4750		175.0**	7-03-63	12.6	162.4	5050
		8-07-63	58.0P	132.0			176.2	7-15-63	12.4	163.8	5408
		9-12-63	56.7P	133.3			175.0**	8-04-63	13.0	162.0	5050
		10-14-63	53.5P	131.5			175.2	8-14-63	12.7	163.5	5408
		11-06-63	59.8P	130.2			175.0**	9-01-63	13.3	161.7	5050
		5-18-64	51.9P	138.1			176.2	9-16-63	13.0	163.2	5408
		6-03-64	53.7P	136.3			175.2	10-06-63	13.7	161.3	5050
		6-15-64	54.4P	135.6			175.0**	10-14-63	13.3	162.9	5408
105/03W-16G01 S						105/03W-20E01 S					
	191.0**	7-11-63	55.7P	135.3	4750		176.2	11-02-63	13.6	161.4	5050
		8-07-63	57.7P	133.3			175.0**	11-11-63	13.8	161.2	
		9-12-63	57.7P	133.3			176.2	11-15-63	13.2	163.0	5408
		10-14-63	55.7P	135.3			175.0**	12-05-63	13.7	161.3	5050
		5-18-64	48.3P	142.7			176.2	12-16-63	13.4	162.8	5408
		6-03-64	44.9P	146.1			175.0**	1-02-64	13.0	163.2	5408
		6-15-64	44.5P	146.5			176.2	1-16-64	13.7	161.3	5050
105/03W-16H02 S						105/03W-20F01 S					
	191.0**	7-11-63	47.5P	143.5	4750		175.0**	2-14-64	13.0	163.2	5408
		8-07-63	58.2P	142.5			176.2	3-03-64	13.3	161.7	5050
		9-12-63	58.8P	137.2			176.2	3-16-64	12.7	163.5	5408
		10-14-63	53.8P	132.2			175.0**	4-02-64	13.7	161.7	5050
		11-06-63	43.6P	127.4			176.2	4-19-64	12.7	163.3	5408
		5-18-64	43.3P	141.7			175.0**	5-03-64	12.8	162.2	5050
		6-03-64	55.3P	135.7			176.2	5-15-64	12.6	164.6	5408
		6-15-64	53.4P	137.6			175.0**	6-01-64	12.7	162.3	5050
105/03W-16J01 S						105/03W-20G01 S					
	200.0**	11-11-63	42.5	157.5	5050		176.2	6-15-64	12.6	163.6	5408
		4-17-64	43.8*	156.2			170.0**	11-11-63	10.6	159.4	5050
105/03W-16L01 S						105/03W-29E01 S					
	190.0**	7-03-63	31.9	158.1	5050		156.7	7-15-63	17.1	139.6	5408
		8-04-63	33.6	156.4				8-14-63	17.5	139.2	
		9-01-63	34.3	155.7				9-16-63	17.8	138.9	
		10-06-63	33.8	156.2				10-14-63	18.1	138.6	

* Questionable measurement (CONT.)

P Pumping measurement

A All gauge measurement (CONT.)

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SAN LUIS REY HYDRO UNIT Z-03*00											
MUNDELRATL HYDRO SUBUNIT Z-03*00											
PALA HYDRO SUBAREA Z-03*B1											
105/03M-29E01 S	157.01**	11-11-63	21.1	135.9	5050	105/02M-06F02 S	282.0**	6-30-64	DRY		5408
		11-12-63	18.4	138.3							
		1-16-64	18.1	137.9							
		2-16-64	15.0	138.7							
		3-16-64	15.5	141.2							
		4-16-64	15.6	141.1							
	157.01**	6-17-64	18.6	138.4	5050						
	156.7	5-15-64	15.5	141.2	5408						
		6-16-64	16.3	140.4							
PAUMA HYDRO SUBAREA Z-03*B2											
105/03M-30J01 S	150.1	7-15-63	13.3	136.8	5408						
		8-16-63	13.6	136.5							
		9-16-63	13.9	136.2							
		10-16-63	14.1	136.0							
		11-11-63	14.7	135.4	5050						
		11-15-63	14.1	136.0	5408						
		12-16-63	14.1	136.0							
		1-16-64	14.1	136.0							
		2-16-64	12.1	138.0							
		3-16-64	12.1	138.0							
		4-16-64	12.1	138.0							
		4-17-64	12.4	137.7	5050						

** As per measurement or observation.

* As per measurement.

P Pumping measurement

A Air-gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SAN LUIS REY HYDRO UNIT											
WARNER HYDRO SUBUNIT WARNER HYDRO SUBAREA						WARNER HYDRO SUBUNIT WARNER HYDRO SUBAREA					
Z-03-C0						Z-03-C0					
Z-03-C1						Z-03-C1					
105/02E-24J01 S	2770.0**	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	77.0A 77.0A 76.0A 76.0A 76.0A 77.0A 77.0A 76.0A 76.0A 76.0A 76.0A	2693.0 2693.0 2694.0 2694.0 2694.0 2693.0 2693.0 2693.0 2694.0 2694.0 2694.0	4405	105/02E-25E01 S	2730.0**	1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	39.0A 36.0A 36.0A 36.0A 30.0A	2695.0 2694.0 2694.0 2694.0 2700.0	4405
105/02E-25A01 S	2741.2	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	69.4A 69.4A 69.4A 69.4A 69.4A 69.4A 68.4A 68.4A 62.4A 62.4A 62.4A	2671.8 2671.8 2671.8 2671.8 2671.8 2671.8 2672.8 2672.8 2678.8 2678.8 2678.8	4405	105/02E-25G01 S	2732.0**	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	44.0A 43.0A 44.0A 45.0A 44.0A 45.0A 44.0A 44.0A 44.0A 44.0A 44.0A	2688.0 2689.0 2687.0 2688.0 2687.0 2687.0 2688.0 2688.0 2688.0 2688.0 2688.0	4405
105/02E-25C01 S	2733.2	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	62.6A 62.6A 60.6A 60.6A 61.6A 62.6A 61.6A 61.6A 60.6A 59.6A 61.6A	2670.6 2670.6 2672.6 2672.6 2671.6 2670.6 2670.6 2671.6 2672.6 2672.6 2673.6	4405	105/02E-25H01 S	2755.0**	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	51.0A 51.0A 51.0A 51.0A 51.0A 50.0A 49.0A 49.0A 49.0A 49.0A 49.0A	2704.0 2704.0 2704.0 2704.0 2704.0 2705.0 2705.0 2705.0 2705.0 2705.0 2705.0	4405
105/02E-25D01 S	2728.0**	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63	51.0A 31.0A 33.0A 33.0A 33.0A 35.0A	2677.0 2699.0 2697.0 2697.0 2697.0 2695.0	4405	105/03E-17H01 S	2920.0**	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	95.0A 95.0A 96.0A 96.0A 97.0A 97.0A 97.0A 98.0A 98.0A 98.0A 99.0A	2825.0 2825.0 2824.0 2824.0 2823.0 2823.0 2823.0 2822.0 2822.0 2822.0 2821.0	4405
105/02E-25E01 S	2730.0**	7-28-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63	31.0A 33.0A 33.0A 33.0A 33.0A 35.0A	2699.0 2697.0 2697.0 2697.0 2697.0 2695.0	4405	105/03E-19N01 S	2769.9	7-27-63 8-31-63 (CONT.)	70.6A 71.6A (CONT.)	2699.3 2698.3	4405

* Quantitative measurement
 † Approximate ground surface elevation
 P Pumping measurement
 A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G.S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SAN LUIS REY HYDRO UNIT											
WARNER HYDRO SUBUNIT WARNER HYDRO SUBAREA						Z-03.C0					
105/03E-19N01 S	2769.9	(CONT.) 9-28-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	71.6A 71.6A 72.6A 71.6A 70.6A 70.6A 70.6A	2698.3 2698.3 2697.3 2698.3 2699.3 2699.3 2699.3	4405	105/03E-20P01 S	2800.0	4-25-64 5-30-64	70.2A 74.2A	2729.8 2725.8	4405
105/03E-19P01 S	2777.7	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	77.2A 77.2A 77.2A 77.2A 78.2A 78.2A 78.2A 78.2A 78.2A 77.2A 76.2A	2700.5 2700.5 2700.5 2700.5 2699.5 2699.5 2700.5 2700.5 2700.5 2700.5 2701.5	4405	105/03E-20001 S	2816.6**	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	62.0A 62.0A 62.0A 62.0A 62.0A 62.0A 62.0A 62.0A 60.0A 62.0A 63.0A	2754.6 2754.6 2754.6 2754.6 2754.6 2754.6 2754.6 2754.6 2756.6 2754.6 2753.6	4405
105/03E-19Q01 S	2781.0	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	75.0A 75.0A 75.0A 75.0A 73.0A 73.0A 73.0A 72.0A 71.0A 73.0A	2706.0 2706.0 2706.0 2706.0 2708.0 2708.0 2708.0 2709.0 2710.0 2710.0 2708.0	4405	105/03E-29P01 S	2794.0	7-27-63 8-31-63 9-28-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	170.2A 119.2A 120.2A 120.2A 120.2A 120.2A 119.2A 119.2A 118.2A 116.2A	2739.3 2736.3 2736.3 2739.3 2728.3 2728.3 2728.3 2728.3 2728.3 2727.3	4405
105/03E-20P01 S	2800.0	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	75.2A 75.2A 75.2A 71.2A 71.2A 71.2A 71.2A 71.2A 71.2A 70.2A	2724.8 2724.8 2724.8 2728.8 2728.8 2728.8 2728.8 2728.8 2728.8 2728.8	4405	105/03E-29J01 S	2810.7	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	434.4A 434.4A 444.4A 444.4A 444.4A 444.4A 444.4A 444.4A 444.4A 444.4A 444.4A	2767.3 2767.3 2766.3 2766.3 2766.3 2766.3 2766.3 2766.3 2766.3 2766.3 2766.3	4405

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SAN LUIS REY HYDRO UNIT											
WARNER HYDRO SUBUNIT WARNER HYDRO SUBAREA						Z-03-C0					
105/03E-29J01 S	2810.7	(CONT.) 1-25-64 3-29-64 5-30-64	46.4A 49.4A 46.4A	2766.3 2766.3 2766.3	4405	105/03E-30C01 S	2750.0	9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	69.0A 69.0A 70.0A 70.0A 69.0A 69.0A 69.0A 69.0A 69.0A	2681.0 2681.0 2680.0 2681.0 2681.0 2681.0 2681.0 2681.0 2681.0	4405
105/03E-29M01 S	2766.0	8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	70.0A 70.0A 72.0A 71.0A 70.0A 70.0A 68.0A 68.0A 68.0A	2696.0 2696.0 2694.0 2696.0 2696.0 2697.0 2698.0 2698.0 2698.0	4405	105/03E-30H01 S	2779.6	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	69.0A 69.0A 69.0A 69.0A 70.0A 69.0A 70.0A 70.0A 70.0A 69.0A 69.0A	2710.6 2710.6 2710.6 2709.6 2710.6 2710.6 2709.6 2709.6 2709.6 2710.6 2710.6	4405
WARNER HYDRO SUBUNIT WARNER HYDRO SUBAREA						Z-03-C1					
105/03E-30A01 S	2779.7	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	70.1A 70.1A 70.1A 69.1A 68.1A 71.1A 67.1A 67.1A 68.1A	2709.6 2709.6 2709.6 2710.6 2711.6 2708.6 2712.6 2712.6 2711.6	4405	105/03E-31C01 S	2760.0**	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	135.0* 130.0* 123.0A 114.0A 114.0A 100.0A 100.0A 141.0* 117.0A 106.0A 103.0A	2625.0 2626.0 2637.0 2646.0 2646.0 2660.0 2660.0 2619.0 2643.0 2654.0 2657.0	4405
105/03E-30B01 S	2775.0**	6-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	73.0A 73.0A 73.0A 74.0A 74.0A 74.0A 73.0A 73.0A	2702.0 2702.0 2702.0 2701.0 2701.0 2701.0 2702.0 2702.0	4405	105/03E-31C02 S	2760.0**	7-27-63 8-31-63 9-28-63 10-26-63 11-30-63 12-28-63 1-25-64 2-29-64 3-29-64 4-25-64 5-30-64	45.0A 45.0A 45.0A 46.0A 46.0A 46.0A 46.0A 46.0A 46.0A 46.0A 46.0A	2715.0 2715.0 2715.0 2715.0 2715.0 2715.0 2714.0 2714.0 2714.0 2714.0 2714.0	4405
105/03E-30C01 S	2750.0	7-27-63 8-31-63 (CONT.)	69.0A 69.0A	2681.0 2681.0	4405						

* Questionable measurement) P Pumping measurement) A Air gauge measurement)

** Approximate ground surface elevation

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elevation, in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elevation, in Feet	Agency Supplying Data
<p style="text-align: center;">SAM LUIS REY HYDRO UNIT Z-03*00</p>											
<p style="text-align: center;">WARNER HYDRO SUBUNIT WARNER HYDRO SUBAREA Z-03*CO</p>											
<p style="text-align: center;">(CONT.)</p>											
105/03E-33F01 S	2883.4	9-28-63	206.7A	2676.7	4405						
		10-26-63	207.7A	2675.7							
		11-30-63	202.7A	2680.7							
		12-28-63	199.7A	2683.7							
		1-25-64	186.7A	2696.7							
		2-29-64	182.7A	2700.7							
		3-29-64	176.7A	2706.7							
		4-25-64	173.7A	2709.7							
		5-30-64	168.7A	2714.7							
105/03E-33H01 S	2902.2	8-31-63	158.9A	2743.3	4405						
		9-26-63	158.9A	2743.3							
		10-26-63	154.9A	2747.3							
		11-30-63	146.9A	2753.3							
		1-25-64	142.9A	2758.3							
		2-29-64	138.9A	2763.3							
		3-29-64	138.9A	2763.3							
		4-25-64	135.9A	2766.3							
		5-30-64	142.9A	2759.3							
115/03E-04A01 S	2856.4	7-27-63	155.3A	2701.1	4405						
		8-31-63	158.3A	2698.1							
		9-28-63	159.3A	2697.1							
		10-26-63	158.3A	2698.1							
		11-30-63	161.3A	2695.1							
		12-28-63	157.3A	2699.1							
		1-25-64	154.3A	2702.1							
		2-29-64	152.3A	2704.1							
		3-29-64	152.3A	2704.1							
		4-25-64	149.3A	2707.1							
		5-30-64	149.3A	2707.1							

• Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
CARLSBAD HYDRO UNIT											
Z-04.FO											
ESCONDIDO HYDRO SUBUNIT											
Z-04.F2											
ESCONDIDO HYDRO SUBAREA											
12S/02W-22A1 S	730.0	11-08-63	40.1	689.9	5050						
12S/02W-22A2 S	720.0**	11-08-63 4-08-64	48.8 48.5	671.2 671.5	5050						
12S/02W-22J1 S	697.0**	11-08-63 4-09-64	30.1 31.2	666.9 665.8	5050						
12S/02W-22J3 S	701.0**	11-08-63	32.1	668.9	5050						
12S/02W-27F1 S	670.0**	11-12-63 4-09-64	44.5 43.6	625.5 626.4	5050						
12S/02W-27H2 S	695.0**	11-08-63 4-08-64	41.4 42.1	653.6 652.9	5050						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	SAN DIEGUITO HYDRO UNIT					
						Z-05*00	Z-05*00	Z-05*00	Z-05*00		
SAN DIEGUITO HYDRO SUBUNIT						SAN DIEGUITO HYDRO SUBUNIT					
SAN DIEGUITO HYDRO SUBAREA						SAN DIEGUITO HYDRO SUBAREA					
Z-05*40						Z-05*41					
135/03W-28N02 S	39*7	10-17-63 3-25-64	68*7 66*1	-29*0 -26*4	5229	135/03W-33F03 S	41*8	10-17-63 3-25-64	75*9 70*1	-34*1 -28*3	5229
135/03W-28O01 S	42*6	10-17-63 3-25-64	DRY 5*0	37*6	5229	135/03W-33F04 S	42*0	10-17-63 3-25-64	73*5 70*8	-31*5 -28*8	5229
135/03W-32J01 S	36*0	10-17-63 3-24-64	72*3 71*9	-36*3 -35*9	5229	135/03W-33G01 S	43*2	10-17-63 3-25-64	76*3 74*2	-33*1 -31*0	5229
135/03W-32Q01 S	30*5	10-15-63 3-24-64	27*8 28*2	2*7 2*3	5229	135/03W-33L03 S	33*6	10-17-63 3-25-64	74*5 73*6	-40*9 -40*0	5229
135/03W-32R01 S	32*3	10-15-63 3-26-64	68*8 67*4	-36*5 -35*1	5229	135/03W-33L06 S	32*0	10-17-63 3-25-64	73*7 75*6	-41*7 -43*6	5229
135/03W-33B01 S	41*4	10-17-63 3-25-64	70*6 68*0	-29*2 -26*6	5229	135/03W-33M01 S	37*2	10-17-63 3-25-64	64*1 81*1*	-26*9 -43*9	5229
135/03W-33C01 S	43*1	10-17-63 3-25-64	57*2 58*3	-14*1 -15*2	5229	135/03W-33O01 S	30*5	10-17-63 3-25-64	87*7 71*0	-57*2 -40*5	5229
135/03W-33C03 S	40*8	10-17-63 3-25-64	74*3 71*1	-33*5 -30*3	5229	145/03W-04F01 S	41*5	10-15-63 3-26-64	52*4 44*6	-10*9 -3*1	5229
135/03W-33C05 S	40*2	10-17-63 3-25-64	DRY 74*8	DRY -29*6	5229	145/03W-05B01 S	27*7	10-15-63 3-25-64	55*5 46*1	-27*8 -18*4	5229
135/03W-33C06 S	42*0	10-17-63 3-25-64	74*8 71*6	-32*8 -29*6	5229	145/03W-05F01 S	23*4	10-15-63 3-24-64	36*5 35*0	-13*1 -11*6	5229
135/03W-33D01 S	40*4	10-17-63 3-25-64	72*7 70*2	-32*3 -29*8	5229	145/03W-05K01 S	25*3	10-15-63 3-24-64	61*9 65*2	-36*6 -38*8	5229
135/03W-33D02 S	40*0	10-17-63 3-25-64	72*4 69*6	-32*4 -29*6	5229	145/03W-05K02 S	26*4	10-15-63 3-26-64	72*4 65*2	-46*0 -38*8	5229
135/03W-33E01 S	35*2	10-17-63 3-25-64	73*7 72*3	-38*5 -37*1	5229	145/03W-05N01 S	20*1	10-15-63 3-24-64	51*5 46*6	-31*4 -26*5	5229
135/03W-33F01 S	41*3	10-17-63 3-25-64	80*8 71*9	-39*5 -30*6	5229	145/03W-06Q01 S	14*5	10-15-63 3-24-64	40*4 44*4	-25*9 -29*9	5229
135/03W-33F02 S	42*1	10-17-63 3-25-64	70*1 72*2	-28*0 -30*1	5229	145/03W-07A01 S	18*8	10-15-63 3-24-64	15*8 16*9	3*0 1*9	5229

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	SAN DIEGUITO HYDRO UNIT				Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
						Z-05+00	Z-05+00	Z-05+00	Z-05+00				
SAN DIEGUITO HYDRO SUBUNIT													
SAN DIEGUITO HYDRO SUBAREA													
Z-05+00													
SAN DIEGUITO HYDRO SUBUNIT													
Z-05+00													
SAN DIEGUITO HYDRO SUBAREA													
Z-05+00													
14S/03M-07C02 S	8.0	10-10-63 3-24-64	3+4 4+4	4+6 3+6	5229	14S/04M-01R04 S	11+9	10-10-63 3-24-64	31+7 31+3	-19+8 -19+4	5229	Z-05+01	
14S/03M-07C05 S	14+0	10-10-63 3-24-64	45+4 26+3	-31+4 -12+3	5229	14S/04M-11J02 S	5+0	10-10-63 3-24-64	7+1 5+2	-2+1 -0+2	5229	Z-05+01	
14S/03M-07C06 S	15+0	10-10-63 3-24-64	17+5 16+3	-2+5 -1+3	5229	14S/04M-12H01 S	13+7	10-15-63 3-26-64	18+6 17+5	-4+9 -3+8	5229	Z-05+01	
14S/03M-07C07 S	14+6	10-10-63 3-24-64	20+5 20+3	-5+9 -5+7	5229	LA JOLLA HYDRO SUBAREA							Z-05+02
14S/03M-07E02 S	14+0	10-15-63 3-26-64	20+0 18+8	-6+0 -4+8	5229	13S/02M-33R01 S	760+0**	11-12-63 4-13-64 4-13-64	13+5 12+9 12+9	746+5 747+1 747+1	5050	Z-05+02	
14S/03M-07K01 S	50+0**	10-15-63 3-25-64	55+7 51+6	-5+7 -1+6	5229								
14S/03M-07L01 S	52+7	3-25-64	53+7	-1+0	5229								
14S/03M-07L02 S	34+2	10-15-63 3-26-64	DRY DRY	5229									
14S/03M-07M01 S	19+3	10-15-63 3-26-64	24+3 23+1	-5+0 -3+8	5229								
14S/03M-08M01 S	77+0**	10-15-63 3-26-64	47+3 18+0	29+7 5+0	5229								
14S/04M-01K01 S	100+5	10-10-63 3-24-64	DRY DRY	5229									
14S/04M-01J01 S	43+0	10-10-63 3-24-64	DRY DRY	5229									
14S/04M-01I01 S	10+0	10-10-63 3-24-64	16+7 14+6	-6+7 -4+6	5229								
14S/04M-01K01 S	26+0	10-10-63 3-24-64	42+1 40+7	-16+1 -14+7	5229								
14S/04M-01R02 S	20+7	10-10-63 3-24-64	36+3 34+5	-15+6 -13+8	5229								

* ** Agency supplied ground surface elevation

* ** Agency supplied ground surface elevation

* ** Agency supplied ground surface elevation

* ** Agency supplied ground surface elevation

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data
SAN DIEGUITO HYDRO UNIT											
HODGES HYDRO SUBUNIT HODGES HYDRO SUBAREA						HODGES HYDRO SUBUNIT HODGES HYDRO SUBAREA					
Z-05+B0						Z-05+B0					
125/02W-32N01 S	370.0	7-17-63 8-23-63 9-09-63 3-02-64	41.5 41.5 38.0 42.0	328.5 328.5 332.0 328.0	5724	125/02W-35Q04 S	395.0**	3-04-64 4-06-64 5-06-64 6-05-64	14.5 38.2 38.7 378.7 384.2		
125/02W-35K01 S	420.0**	7-10-63 8-02-63 9-06-63 10-02-63 11-05-63 12-06-63 1-07-64 2-05-64 3-04-64 4-06-64 5-06-64 6-05-64	38.2P 32.9* 27.7* 38.0 38.4 40.0 38.4 40.3 39.5 40.3 38.7 39.2	381.8 387.1 392.3 380.3 387.4 400.7 384.8 403.4 399.5 403.5 383.7 392.1	5710	135/01W-07E01 S	339.0**	7-23-63 8-23-63 9-24-63 10-18-63 11-23-63 12-20-63 1-17-64 2-14-64 3-19-64 4-18-64 5-20-64 6-19-64	26.8 312.2 26.8 27.4 28.0 28.2 28.6 30.0 29.0 29.6 309.6 308.4		
125/02W-35P01 S	395.0	7-10-63 8-02-63 9-06-63 10-02-63 11-05-63 12-06-63 1-07-64 2-05-64 3-04-64 4-06-64 5-06-64 6-05-64	33.6P 37.6 37.8 39.1P 39.4P 35.6 37.9 36.0 38.3 11.6 10.4 10.4 31.6P	361.4 371.4 378.4 350.0 350.6 379.7 360.9 381.6 383.4 11.6 384.6 384.6 363.4	5710	135/01W-07E02 S	330.8	11-14-63 4-13-64 4-13-64	27.4 29.5* 29.5*		
125/02W-35Q01 S	410.0**	11-08-63	18.1	391.9	5050	135/02W-02C02 S	374.0	9-06-63 11-12-63 12-06-63 2-05-64 3-04-64 4-06-64 4-08-64	35.8 25.5 30.7 30.7 29.4 27.1 23.1		
125/02W-35Q02 S	410.0**	11-08-63 4-08-64 4-08-64	25.2 16.2 16.2	384.8 393.8 393.8	5050	135/02W-02C03 S	383.0	7-10-63 8-02-63 10-02-63 11-05-63 12-06-63 1-07-64 2-05-64 3-04-64 4-08-64	19.0 21.2 25.4 26.4 25.1 24.1 22.1 20.4 18.6		
125/02W-35Q04 S	395.0**	7-10-63 8-02-63 9-06-63 10-02-63 11-05-63 12-06-63 1-07-64 2-05-64 3-04-64 4-08-64	27.1 28.0 43.4P 35.0 39.0 35.0 29.2P 29.2P	367.9 367.0 351.6 359.0 356.0 375.6 365.8	5710						
(CONT.)											

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Date	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Date
SAN DIEGUITO HYDRO UNIT											
HODGES HYDRO SUBUNIT HODGES HYDRO SUBAREA						HODGES HYDRO SUBUNIT HODGES HYDRO SUBAREA					
Z-05-B0						Z-05-B0					
Z-05-B1						Z-05-B1					
(CONT.)	383.0	5-06-64	13.1	369.9	5710	135/O2W-02F01 S	375.0	8-02-63	59.3P	315.7	5710
		6-05-64	15.7	367.3				9-06-63	46.1	330.9	
	390.0	7-10-63	27.7P	362.3	5710			10-02-63	60.7P	314.3	
		8-02-63	30.3P	359.7				11-05-63	60.7P	314.3	
		9-06-63	33.3P	356.7				12-06-63	41.9	333.1	
		10-02-63	33.7P	356.3				1-07-64	9.8-6P	316.4	
		11-05-63	34.0P	356.0				2-05-64	42.1	332.9	
		12-06-63	22.1	367.9				3-04-64	41.7	333.3	
		1-07-64	30.0P	360.0				5-06-64	39.8	335.2	
		2-05-64	14.0	376.0				6-05-64	59.9P	315.1	
		3-04-64	12.5	377.5							
		4-06-64	9.0	381.0							
		5-05-64	9.7	380.3							
		6-05-64	22.7P	367.3							
135/O2W-02D01 S	390.0	7-10-63	30.6	359.4	5710	135/O2W-02F02 S	365.0	7-10-63	21.5	343.5	5710
		8-02-63	25.6	364.4				8-02-63	27.5	337.5	
		9-06-63	24.1	365.9				9-06-63	30.5	334.5	
		10-02-63	31.1	358.9				10-02-63	30.0	335.0	
		11-05-63	27.4	362.6				11-05-63	30.6	334.4	
		12-06-63	23.8	366.2				12-06-63	32.9	332.1	
		1-05-64	34.1	359.9				1-07-64	31.1	333.9	
		2-05-64	26.1	363.9				2-05-64	31.4	333.6	
		3-04-64	26.1	363.9				3-04-64	29.0	336.0	
		4-06-64	25.3	364.7				4-06-64	28.2	336.8	
		5-05-64	22.1	367.9				5-06-64	27.2	337.8	
		6-05-64	22.5	367.5							
135/O2W-02D03 S	390.0	7-10-63	11.6	378.4	5710	135/O2W-02J01 S	430.0**	11-08-63	31.8	398.2	5050
		8-02-63	13.0	377.0				4-09-64	-0.2	430.2	
		9-06-63	9.9	380.1				7-10-63	60.8P	284.2	5710
		10-02-63	9.5	380.5				8-02-63	60.8P	284.2	
		11-05-63	14.6	375.4				9-06-63	60.8P	284.2	
		12-06-63	9.8	380.2				10-02-63	80.9	288.3	
		1-07-64	13.6	376.4				11-05-63	60.6P	284.4	
		2-05-64	6.6	383.4				12-06-63	51.9P	283.1	
		3-04-64	6.7	383.3				1-07-64	61.9P	283.1	
		4-06-64	6.5	383.5				2-05-64	20.2P	294.8	
		5-05-64	5.9	384.1				3-04-64	54.0P	290.9	
		6-05-64	10.7P	379.3				4-06-64	35.6	307.4	
		7-10-63	57.8P	317.2	5710	135/O2W-02M01 S	358.4	7-10-63	79.9P	278.5	5710
(CONT.)								8-02-63	80.2P	278.2	
								9-06-63	82.9P	275.5	
								10-02-63	80.6P	277.8	
								11-05-63	81.1P	277.4	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

(CONT.)

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SAN DIEGUITO HYDRO UNIT											
HODGES HYDRO SUBUNIT HODGES HYDRO SUBAREA						HODGES HYDRO SUBUNIT HODGES HYDRO SUBAREA					
Z-05-B0						Z-05-B0					
135/02W-02M01 S	358.4	(CONT.) 12-06-63 1-07-64 2-05-64 3-04-64 4-06-64 4-08-64 5-06-64 6-05-64	43.4 78.3P 42.5 42.9 40.4 40.1 48.6P 77.1P	315.0 280.1 315.9 315.5 318.0 318.3 279.8 281.3	5710	135/02W-05D02 S	340.0**	11-04-63 1-23-64 2-25-64 3-25-64 4-02-64 5-07-64 5-10-64	83.5A 86.0A 85.0A 86.0A 83.5A 86.0A 82.0A	256.5 256.0 256.0 256.5 256.0 256.0 256.0	5724
135/02W-02M01 S	400.0**	11-12-63 4-09-64 4-09-64	75.3 78.3 78.3	324.7 321.7 321.7	5050	135/02W-11R01 S	317.9	11-23-63 12-20-63 1-17-64 2-14-64 3-19-64 4-18-64 5-20-64	39.8 38.5 38.2 38.1 39.3 36.8 39.3	278.1 279.4 279.7 278.6 281.1 278.6	5229
135/02W-03K01 S	400.0**	7-04-63 7-17-63 8-03-63 4-09-64 10-04-63 10-24-63 1-02-64 4-14-64 5-05-64 5-27-64 6-05-64 6-15-64	129.0A 130.0A 105.0A 97.0A 85.0A 85.0A 95.0A 125.0A 95.0A 110.0A 110.0A 130.0A	271.0 270.0 295.0 303.0 315.0 315.0 305.0 275.0 305.0 290.0 290.0 270.0	5831	135/02W-12G01 S	326.0	7-23-63 9-23-63 10-18-63 11-23-63 12-20-63 1-17-64 2-14-64 3-19-64 4-18-64 5-20-64 6-19-64	43.2P 45.0P 46.0P 47.5P 48.0P 48.4P 48.1P 48.0P 47.9P 46.9P 48.3P	282.8 270.5 279.5 278.5 278.0 277.6 277.9 278.0 278.1 279.1 277.7	5229
135/02W-03R03 S	395.0**	11-12-63 4-09-64 4-09-64	22.9 21.5 21.5	312.1 313.5 313.5	5050	135/02W-12L01 S	317.4	12-20-63 4-13-64	38.5 35.7*	278.9 281.7	5229 5050
135/02W-05D01 S	355.0**	7-17-63 8-22-63 9-09-63 3-18-64	36.0A 36.0A 32.0A 36.0A	319.0 319.0 323.0 319.0	5724	135/02W-12N01 S	316.8	7-23-63 8-23-63 9-24-63 10-18-63 11-14-63 11-23-63 12-20-63 1-17-64	36.5 37.0 37.4 37.7 38.0* 37.9 37.5 37.2	280.3 279.8 279.4 279.1 278.8 278.9 279.3 279.6	5229 5050 5229
135/02W-05D02 S	340.0**	7-17-63 8-22-63 9-06-63	85.0A 84.0A 84.0A	255.0 256.0 256.0	5724						
(CONT.) ** Approximate ground surface elevation											
* Questionable measurement						P Pumping measurement					
(CONT.)						A Air gauge measurement					

TABLE C-4
GROUND WATER LEVELS AT WELLS

Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SAN DIEGUITO HYDRO UNIT											
HODGES HYDRO SUBUNIT HODGES HYDRO SUBAREA						HODGES HYDRO SUBUNIT FELICITA HYDRO SUBAREA					
Z-05-B0						Z-05-B0					
135/02W-12N01 S	316±8	(CONT.) 2-18-64 3-19-64 4-19-64 5-20-64 6-19-64	36±8 36±1 38±7P 35±0 37±2 36±1	280±0 280±7 278±1 281±8 279±6 280±7	5229	125/02W-27L01 S	665±0**	11-12-63	39±4	625±6	5050
135/02W-12N02 S	318±0	7-23-63 8-23-63 9-24-63 10-18-63 7-23-63 8-23-63 9-24-63 10-18-63 11-23-63 12-20-63 1-17-64 2-14-64 3-19-64 4-18-64 5-20-64 6-19-64	40±2P 40±2P 40±5P 40±7P 40±2P 40±2P 40±5P 40±7P 40±2P 37±2 36±8 36±6 36±3 38±0 38±1P	277±8 277±8 277±5 277±3 277±8 277±5 277±5 277±3 279±2 280±8 281±2 281±4 281±7 281±9 282±0 279±3	5229	125/02W-27P02 S	650±0**	11-12-63	31±5	618±5	5050
HODGES HYDRO SUBUNIT FELICITA HYDRO SUBAREA						HODGES HYDRO SUBUNIT FELICITA HYDRO SUBAREA					
Z-05-B1						Z-05-B0					
135/02W-13C01 S	331±6	7-23-63 8-23-63 9-24-63 10-18-63 11-23-63 12-20-63 1-17-64 2-14-64 3-19-64 4-18-64 5-20-64 6-19-64	32±0 32±1 32±3 32±4 32±6 32±7 33±0 33±1 33±1 33±1 33±2	299±6 299±5 299±3 299±2 299±0 298±9 298±9 298±6 298±6 298±5 298±4	5229	125/02W-28N01 S	714±0**	11-12-63	14±0	700±0	5050
FELICITA HYDRO SUBAREA						FELICITA HYDRO SUBAREA					
Z-05-B3						Z-09-B**					
125/02W-27K01 S	622±0**	11-12-63 4-09-64	15±3 13±9	606±7 608±1	5050	125/02W-23K02 S	710±0**	11-26-63 4-10-64	41±2 39±9	668±8 670±1	5050
BLAIR HYDRO SUBAREA						BLAIR HYDRO SUBAREA					
Z-05-B3						Z-09-B**					
125/02W-23L01 S	715±0**	11-26-63	47±1	667±9	5050	125/02W-34M02 S	610±0**	4-09-64	45±8*	564±2	5050
BLAIR HYDRO SUBAREA						BLAIR HYDRO SUBAREA					
Z-05-B3						Z-09-B**					
125/02W-34M01 S	609±0**	11-12-63 4-09-64	20±8 16±2	588±2 592±8	5050	135/02W-04J01 S	460±0**	7-05-63 7-16-63 8-28-63 10-25-63 1-02-64 4-01-64 5-05-64 5-25-64 6-05-64 6-15-64	20±0A 20±0A 30±0A 32±0A 32±0A 12±0A 12±0A 18±0A 19±0A 19±0A	5831 427±0 430±0 428±0 428±0 448±0 448±0 442±0 441±0 441±0	5050

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data
SAN DIEGUITO HYURO UNIT											
HODGES HYDRO SUBUNIT BEAR HYURO SUBAREA						HODGES HYDRO SUBUNIT BEAR HYURO SUBAREA					
Z-05*B0						Z-05*B0					
12S/02W-24D01 S	728.0**	4-10-64	41.3	686.7	5050	12S/02W-26E01 S	682.0**	11-08-63	27.0	655.0	5050
12S/02W-24E01 S	701.0**	11-15-63	27.2*	673.8	5050	12S/02W-26H01 S	622.0	11-26-63	22.1	599.9	5050
		4-10-64	25.6	675.4				4-10-64	20.8	601.2	
12S/02W-24F02 S	694.0**	11-15-63	8.0	686.0	5050	12S/02W-26L01 S	610.0**	11-08-63	13.6	596.4	5050
		4-10-64	14.8	679.2				4-08-64	4.0	606.0	
12S/02W-24F03 S	698.0**	11-15-63	15.7	682.3	5050						
12S/02W-24L06 S	670.0**	11-15-63	18.9	651.1	5050						
12S/02W-24M02 S	675.0**	11-15-63	28.1	646.9	5050						
12S/02W-24M03 S	655.0**	11-15-63	56.1	598.9	5050						
		4-10-64	42.6	612.4							
12S/02W-24N01 S	660.0**	11-15-63	15.3	644.7	5050						
		4-10-64	8.3	651.7							
12S/02W-24N02 S	639.0	7-15-63	73.0P	566.0	5711						
		8-15-63	75.0P	564.0							
		9-15-63	75.0P	564.0							
		10-15-63	79.0P	560.0							
		11-15-63	76.0P	563.0							
		12-15-63	75.0P	564.0							
		4-01-64	34.9	604.1							
12S/02W-24R01 S	720.0**	11-15-63	0.6	719.4	5050						
		4-10-64	0.2	719.8							
12S/02W-24R03 S	765.0**	11-15-63	0.4	764.6	5050						
		4-10-64	4.2*	760.8							
12S/02W-24R05 S	780.0**	11-15-63	-0.3	780.3	5050						
12S/02W-25F01 S	660.0**	11-15-63	9.7P	650.3	5050						
		4-10-64	0.2	659.8							
12S/02W-26C01 S	698.0**	11-26-63	15.5	682.5	5050						
		4-10-64	15.7	682.3							
12S/02W-26C02 S	700.0**	11-26-63	15.7	684.3	5050						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. To Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. To Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data
SAN DIEGUITO HYDRO UNIT											
Z-05.C0											
SAN PASQUAL HYDRO SUBUNIT											
HIGHLAND HYDRO SUBAREA											
13S/O1W-05L01 S	780.0**	11-16-63	45.9	734.1	5050	12S/O1W-25N02 S	441.1	4-17-64	82.3P	358.8	5229
		4-13-64	42.1	737.9				5-16-64	64.7	376.4	
13S/O1W-05N01 S	758.0**	11-16-63	40.0	718.0	5050	12S/O1W-26C01 S	451.8	6-16-64	85.6P	355.5	
		4-13-64	38.4	719.6				11-15-63	45.4	406.4	5050
								4-14-64	47.2	404.6	
SAN PASQUAL HYDRO SUBAREA											
Z-05.C2											
12S/O1W-18R01 S	434.8	11-15-63	33.7	401.1	5050	12S/O1W-26D01 S	436.6	7-18-63	DRY		5229
12S/O1W-20D01 S	418.4	11-15-63	27.8	390.6	5050			8-21-63	DRY		
		4-14-64	27.9	390.5				9-20-63	DRY		
12S/O1W-20F01 S	408.4	11-15-63	41.9*	366.5	5050			10-17-63	DRY		
12S/O1W-20L01 S	403.6	11-15-63	31.8*	371.8	5050			11-19-63	DRY		
12S/O1W-20L02 S	406.9	11-14-63	42.4P	364.5	5050			12-19-63	DRY		
		4-14-64	47.8*	359.1				1-16-64	DRY		
12S/O1W-25N01 S	445.4	7-18-63	DRY		5229			2-13-64	DRY		
		8-21-63	DRY					3-17-64	DRY		
		9-20-63	DRY					4-17-64	DRY		
		10-17-63	DRY					5-16-64	DRY		
		11-19-63	DRY					6-17-64	DRY		
		12-17-63	DRY								
		1-15-64	DRY								
		2-13-64	DRY								
		3-17-64	DRY								
		4-16-64	DRY								
		5-15-64	DRY								
		6-16-64	DRY								
12S/O1W-25N02 S	441.1	7-18-63	77.0P	364.1	5229	12S/O1W-29D01 S	378.5	7-23-63	20.8	357.7	5229
		8-21-63	61.5	379.6				8-22-63	21.0	357.5	
		9-20-63	62.5	378.6				9-24-63	22.3	356.2	
		1-17-63	62.7	378.2				10-18-63	21.1	357.4	
		11-19-63	62.4	378.7				11-22-63	21.3	357.2	
		12-17-63	62.1	379.0				1-17-63	20.5	356.6	
		1-15-64	62.7	378.4				2-14-64	20.2	358.9	
		2-13-64	82.0P	359.1				3-18-64	21.9	356.6	
		3-17-64	82.5P	358.6				4-18-64	21.4	357.1	
		(CONT.)						5-20-64	20.5	356.8	
								6-18-64	21.6	356.9	
SAN PASQUAL HYDRO SUBUNIT											
SAN PASQUAL HYDRO SUBAREA											
Z-05.C0											
12S/O1W-29D03 S	386.0	7-23-63	DRY		5229			8-22-63	DRY		
		8-22-63	DRY					9-24-63	DRY		
		9-24-63	DRY					10-18-63	DRY		
		10-18-63	DRY					11-22-63	DRY		
		11-22-63	DRY					12-20-63	DRY		
		12-20-63	DRY								
12S/O1W-30A01 S	375.5	7-23-63	18.2	357.3	5229			8-22-63	16.1	357.4	
		8-22-63	18.1	357.4				9-24-63	18.4	357.1	
		9-24-63	18.4	357.1				10-18-63	18.4	357.1	
		10-18-63	18.4	357.1				(CONT.)			

* Questionable measurement

** Approximate pumping level analysis

P Pumping measurement

S Agency measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G S Elev. in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G S Elev. in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SAN PASQUAL HYDRO SUBUNIT											
SAN PASQUAL HYDRO SUBAREA											
Z-05-C0											
12S/01W-30A01 S	375.5	(CONT.) 11-22-63 12-20-63 1-17-64 2-14-64 3-18-64 4-18-64 5-20-64 6-18-64	18.7 18.6 18.4 18.3 18.2 18.3 18.3 18.5	356.8 356.9 357.1 357.3 357.2 356.4 357.0	5229	12S/01W-30R01 S	358.8	8-22-63 9-24-63 10-18-63 11-22-63 12-20-63 1-16-64 2-14-64 3-18-64 4-17-64 5-19-64 6-18-64	18.5 18.4 18.5 18.7 18.6 18.7 18.7 18.9 19.3 19.1 20.0	340.3 340.4 340.3 340.1 340.1 340.1 340.1 339.5 339.5 338.8	5229
12S/01W-30A04 S	398.8	7-23-63 8-22-63 9-24-63 10-18-63 11-22-63 12-20-63	DRY DRY DRY DRY DRY		5229	12S/01W-30R03 S	356.4	7-19-63 8-22-63 9-24-63 10-18-63 11-22-63 12-20-63	DRY DRY DRY DRY DRY		5229
12S/01W-30A05 S	398.1	7-23-63 8-22-63 10-18-63 11-22-63 12-20-63 1-17-64 2-14-64 3-18-64 4-17-64 5-20-64 6-18-64	47.6 50.3 52.4 48.8 48.0 49.1 48.7 48.3 48.3 48.4 49.9	350.5 347.8 345.7 349.3 348.1 349.0 349.4 348.3 348.2	5229	12S/01W-31A01 S	353.0	7-19-63 8-22-63 9-24-63 10-18-63 11-22-63 12-19-63 1-16-64 2-14-64 3-18-64 4-17-64 5-19-64 6-18-64	19.2 20.4 20.7 20.9 20.9 20.9 20.7 20.7 20.8 21.5 22.4	333.8 332.6 332.3 332.1 332.1 332.1 332.3 332.3 332.2 331.5 330.6	5229
12S/01W-30J01 S	367.0	7-23-63 8-22-63 9-24-63 10-18-63 11-22-63 12-20-63 1-16-64 2-14-64 3-18-64 4-17-64 5-19-64 6-18-64	16.5 16.7 16.8 16.8 16.9 16.9 16.2 16.2 16.2 16.3 16.4	350.5 350.3 350.2 350.1 350.1 350.8 350.8 350.8 350.7 350.7 350.6	5229	12S/01W-31A02 S	351.7	7-19-63 8-22-63 9-24-63 10-18-63 11-22-63 12-19-63	17.4 18.3 18.8 18.0 19.0 19.1	334.3 333.4 332.9 332.7 332.7 332.6	5229
12S/01W-30K01 S	383.9	11-14-63	41.7	342.2	5050						
12S/01W-30R01 S	358.8	7-19-63	17.4	341.4	5229						
SAN DIEGUITO HYDRO UNIT											
SAN PASQUAL HYDRO SUBUNIT											
SAN PASQUAL HYDRO SUBAREA											
Z-05-C0											
(CONT.)											

• Questionable measurement
• Approximate ground surface elevation
• Pumping measurement
• Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SAN DIEGUITO HYDRO UNIT Z=05*UU											
SAN PASQUAL HYDRO SUBUNIT Z=05*CO											
SAN PASQUAL HYDRO SUBAREA Z=05*CC											
12S/01W-31A02 S	351.7	(CONT.)	19.1	332.6	5229	12S/01W-31H01 S	358.5	1-16-64	27.9	330.6	5229
		1-16-64	19.0	332.7				2-14-64	28.5	330.0	
		2-14-64	19.0	332.7				3-18-64	29.0	329.5	
		3-18-64	19.0	332.7				4-17-64	29.5	329.0	
		4-17-64	19.5	332.2				5-19-64	29.2	329.3	
		5-19-64	20.2	331.5				6-18-64	31.7	326.8	
		6-18-64	17.0	337.0				9-24-63	46.4	308.6	5229
		7-19-63	17.5	336.5				10-18-63	43.7	309.3	
		8-22-63	18.0	336.0				11-27-63	44.0	310.0	
		9-24-63	18.0	336.0				12-19-63	41.9	311.1	
		10-18-63	22.0	332.0				1-17-64	41.4	311.6	
		11-22-63	18.3	335.7				2-14-64	40.7	312.3	
		12-19-63	18.4	335.6				3-18-64	39.9	313.1	
		1-16-64	18.4	335.6				4-18-64	39.5	313.5	
		2-14-64	18.4	335.6				5-19-64	40.4	312.6	
		3-19-64	20.2	333.8				6-18-64	43.0	310.0	
		4-17-64	18.8	335.1							
		5-19-64	18.8	335.1							
		6-18-64	19.3	334.7							
12S/01W-31B02 S	382.9	11-14-63	42.3	340.6	5050	12S/01W-31P01 S	345.3	7-23-63	DKY		5229
		4-14-64	42.5	340.4				8-23-63	DKY		
		4-14-64	42.5	340.4				9-22-63	DKY		
								10-18-63	DRY		
								11-27-63	DRY		
								12-19-63	DRY		
								1-17-64	DRY		
								2-14-64	DRY		
								3-18-64	DRY		
								4-18-64	DRY		
								5-20-64	DRY		
								6-17-64	DRY		
12S/01W-31G01 S	355.8	7-19-63	DRY		5229	12S/01W-32H01 S	373.5	7-18-63	21.7	351.8	5229
		8-22-63	DRY					8-21-64	21.1	351.4	
		9-24-63	DRY					9-24-63	21.1	352.4	
		10-18-63	DRY					10-17-63	21.2	352.3	
		11-22-63	DRY					11-22-63	21.8	351.7	
		12-19-63	DRY					1-19-64	21.8	351.7	
		1-16-64	DRY					1-16-64	22.0	351.5	
		2-14-64	DRY					2-14-64	22.3	351.2	
		3-18-64	DRY					3-18-64	23.4	350.1	
		4-17-64	DRY					4-17-64	23.2	350.3	
		5-19-64	DRY					5-19-64	23.6	349.5	
		6-18-64	DRY					6-18-64	23.6	349.5	
12S/01W-31H01 S	358.5	7-19-63	27.2	331.3	5229						
		8-22-63	28.7	329.8							
		9-24-63	28.5	329.0							
		10-18-63	28.1	330.4							
		11-22-63	28.1	330.4							
		12-19-63	28.0	330.5							
		(CONT.)									

• Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Airgauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G.S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G.S. Elev., In Feet	Date	Dist. G.S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SAN PASQUAL HYDRO SUBUNIT SUBAREA Z-05-C0											
SAN PASQUAL HYDRO SUBUNIT SUBAREA Z-05-C2											
125/01W-32C01 S	361.8	7-18-63	24.2	337.6	5229	125/01W-32J02 S	371.5	6-17-64	40.8P	330.7	5229
		8-22-63	20.3	341.5							
		9-24-63	19.4	342.4							
		10-17-63	20.0	341.8		125/01W-32N01 S	358.0	8-20-63	DRY		5229
		11-22-63	23.7	338.1				9-20-63	DRY		
		12-19-63	20.9	340.9				10-15-63	DRY		
		1-16-64	28.0P	333.8				11-19-63	DRY		
		2-14-64	23.6P	338.2				12-17-63	DRY		
		3-18-64	23.7P	338.1				1-14-64	DRY		
		4-17-64	23.4	338.4							
		5-19-64	28.4	333.4		125/01W-32O01 S	366.4	7-18-63	26.7	339.7	5229
		6-17-64	30.2P	331.6				8-21-63	27.3	339.1	
125/01W-32E02 S	357.7	7-19-63	DRY		5229			9-23-63	29.7	336.7	
		8-22-63	DRY					10-17-63	30.3	336.1	
		9-24-63	DRY					11-22-63	30.8	335.6	
		10-18-63	DRY					12-19-63	31.9	334.5	
		11-22-63	DRY					1-16-64	30.4	336.0	
		12-19-63	DRY					2-14-64	30.1	336.3	
125/01W-32G02 S	366.7	7-18-63	DRY		5229			3-18-64	29.9	336.5	
		8-22-63	DRY					4-17-64	30.4	336.0	
		9-24-63	DRY					5-19-64	35.0	331.4	
		10-17-63	DRY					6-17-64	32.2	334.2	
		11-22-63	DRY			125/01W-33H01 S	389.4	7-18-63	DRY		5229
		12-19-63	DRY					8-21-63	DRY		
		1-16-64	DRY					9-23-63	DRY		
		2-14-64	DRY					10-17-63	DRY		
		3-18-64	DRY					11-22-63	DRY		
		4-17-64	DRY					12-19-63	DRY		
		5-19-64	DRY			125/01W-33N01 S	378.0	7-17-63	44.0P	334.0	5229
		6-17-64	DRY					8-21-63	46.3P	331.7	
125/01W-32J02 S	371.5	7-18-63	28.3	343.2	5229			9-20-63	32.0	346.0	
		8-21-63	27.7	343.8				10-15-63	48.8P	329.2	
		9-23-63	28.1	343.4				11-19-63	33.7	344.3	
		10-17-63	28.3	343.2				12-17-63	30.8	347.2	
		11-22-63	28.3	343.2				1-14-64	31.1	346.9	
		12-19-63	28.1	343.4				2-11-64	30.3	347.7	
		1-16-64	28.2	343.3				3-06-64	30.8	347.2	
		2-14-64	27.6	343.9				4-16-64	47.4P	330.6	
		3-18-64	27.7	343.6				5-15-64	46.1	331.9	
		4-17-64	30.2	343.0				6-16-64	39.4	338.6	
		5-19-64	30.5	341.0							
		(CONT.)				125/01W-34A03 S	417.3	7-18-63	54.3	363.0	5229
								(CONT.)			

• Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SAN PASQUAL HYDRO SUBUNIT											
SAN PASQUAL HYDRO SUBAREA											
Z-05-C0											
SAN DIEGUITO HYDRO UNIT											
Z-05-C2											
12S/01W-34A03 S	417.3	(CONT.)	DRY		5229	12S/01W-34J01 S	414.0	12-17-63	44.5	369.5	5229
		8-21-63	DRY					1-15-64	46.3	367.7	
		10-17-63	DRY					2-12-64	46.4	367.6	
		11-22-63	DRY					4-16-64	46.5	367.5	
		12-19-63	DRY					5-15-64	46.8	366.8	
		1-16-64	DRY					6-12-64	48.8	365.2	
		2-13-64	DRY								
		3-17-64	DRY								
		4-17-64	DRY								
		5-16-64	DRY								
		6-17-64	DRY								
12S/01W-34B01 S	412.7	7-18-63	DRY		5229	12S/01W-34K02 S	408.8	7-17-63	59.1P	349.7	5229
		8-21-63	DRY					8-20-63	65.4P	343.4	
		9-27-63	DRY					9-20-63	62.7P	346.1	
		10-17-63	DRY					10-15-63	59.7P	349.1	
		11-22-63	DRY					11-19-63	59.5P	349.3	
		12-19-63	DRY					12-17-63	56.9P	351.9	
		1-16-64	DRY					1-15-64	45.1	363.7	
		2-13-64	DRY					2-12-64	43.9	364.9	
		3-17-64	DRY					3-16-64	43.9	364.9	
		4-17-64	DRY					4-16-64	44.9	363.9	
		5-16-64	DRY					5-15-64	45.0	363.8	
		6-17-64	DRY					6-16-64	45.4	363.4	
12S/01W-34F01 S	400.6	7-18-63	30.4	370.2	5229	12S/01W-34P03 S	400.7	7-17-63	41.7	359.0	5229
		8-21-63	31.9	368.9				8-20-63	41.8	358.9	
		9-27-63	36.7	364.2				9-20-63	42.9	357.8	
		10-17-63	35.4	365.7				10-15-63	42.5	358.2	
		11-22-63	30.3	370.3				11-19-63	42.4	358.3	
		12-19-63	30.2	370.4				12-17-63	42.3	358.4	
		1-16-64	27.4	373.4				1-15-64	44.9	358.8	
		2-13-64	17.1	381.1				2-12-64	41.2	358.5	
		3-18-64	22.9	377.7				3-16-64	42.2	358.5	
		4-17-64	26.6	376.0				4-16-64	42.2	358.5	
		5-16-64	23.6	377.0				5-15-64	42.9	358.8	
		6-17-64	26.8	373.8				6-16-64	45.9	350.8	
								7-16-64	47.7	352.8	
12S/01W-34J01 S	414.0	7-17-63	45.3	368.7	5229	12S/01W-34U01 S	404.3	7-17-63	69.9P	336.4	5229
		8-20-63	44.7	369.3				8-20-63	69.9P	336.4	
		9-20-63	44.8	369.2				9-20-63	34.5	369.8	
		10-15-63	44.7	369.1				10-15-63	70.4*	333.9	
		11-19-63	47.0	366.8				11-19-63	33.9	370.4	
		12-17-63	45.3	368.7				12-17-63	35.1	369.2	
		1-15-64	44.7	369.3				1-15-64	35.0	369.3	
		2-12-64	44.8	369.2				2-12-64	35.3	369.0	
		3-16-64	44.7	369.1				3-16-64	34.7	370.1	
		4-16-64	47.0	367.0				4-16-64	35.2	369.1	
		(CONT.)						(CONT.)			

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Doin	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SAN PASOQUAL HYDRO SUBUNIT JUMANKLA											
Z-05-C0											
125/O1W-34001 S	404.3	(CONT.)	35.6	368.7	5229	125/O1W-35802 S	438.0	11-22-63	62.0	376.0	5229
		5-15-64	35.6	368.7				12-19-63	61.6	376.4	
		6-10-64	35.6	368.7				1-16-64	62.5	375.7	
SAN DIEGUITO HYDRO UNIT											
Z-05-C0											
125/O1W-34002 S	404.3	7-17-63	44.6P	359.7	5229	125/O1W-35C01 S	426.0	7-18-63	DRY		5229
		8-20-63	38.1P	366.2				8-21-63	DRY		
		9-20-63	35.7	369.1				9-23-63	DRY		
		10-15-63	40.5P	363.8				10-17-63	DRY		
		11-19-63	35.1	369.7				11-22-63	DRY		
		12-17-63	33.1	371.2				12-19-63	DRY		
		1-15-64	34.7	369.6				1-16-64	DRY		
		2-12-64	33.2	370.8				2-13-64	DRY		
		3-16-64	33.5	370.8				3-17-64	DRY		
		4-16-64	33.1	371.2				4-17-64	DRY		
		5-15-64	33.7	370.4				5-16-64	DRY		
		6-16-64	34.2	370.1				6-17-64	DRY		
SAN PASOQUAL HYDRO SUBUNIT											
Z-05-C2											
125/O1W-34R01 S	411.2	7-11-63	DRY		5229	125/O1W-35C04 S	429.6	7-18-63	DRY		5229
		8-20-63	DRY					8-21-63	DRY		
		9-20-63	DRY					9-23-63	DRY		
		10-15-63	DRY					10-17-63	DRY		
		11-19-63	DRY					11-22-63	DRY		
		12-17-63	DRY					12-19-63	DRY		
		1-15-64	DRY					1-16-64	49.5	379.7	5229
		2-12-64	DRY					2-13-64	49.4	379.8	
		3-16-64	DRY					3-17-64	49.1	379.9	
		4-16-64	DRY					4-17-64	48.6	380.4	
		5-15-64	DRY					5-16-64	48.6	378.3	
		6-16-64	DRY					6-17-64	50.7		
SAN PASOQUAL HYDRO SUBUNIT											
Z-05-C0											
125/O1W-35A01 S	444.1	7-18-63	68.0	376.1	5229	125/O1W-35D02 S	419.5	8-21-63	46.8	374.5	5229
		8-21-63	65.7	378.4				12-19-63	44.2	375.1	
		9-23-63	66.1	378.0				1-16-64	45.3	374.0	
		10-17-63	66.3	377.8				2-13-64	45.3	374.0	
		11-22-63	66.1	378.0				3-17-64	45.4	373.9	
		12-19-63	66.3	377.8							
		1-16-64	66.7	377.4							
		2-13-64	66.5	377.6							
		3-17-64	66.9	377.2							
		4-17-64	80.0P	364.1							
		5-16-64	69.4	374.7							
		6-16-64	76.8P	367.5							
SAN PASOQUAL HYDRO SUBUNIT											
Z-05-C0											
125/O1W-35B02 S	438.0	9-23-63	64.8	373.2	5229	125/O1W-35F01 S	430.7	7-17-63	63.0P	367.7	5229
		(CONT.)						8-20-63	55.4	375.3	
								9-20-63	58.7	372.0	
								10-15-63	71.5P	359.2	
								11-19-63	58.1	372.6	
								12-17-63	70.1P	360.6	
								1-15-64	70.6P	360.1	

* Questionable measurement

P Pumping measurement

(CONT.)

A Air-gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

Well Number	G. S. Elev. in Feet	Date	Dist. G. S. Station Markings In Feet	Water Surface Elevation In Feet	Agency Supplying Data	Well Number	G. S. Elev. in Feet	Date	Dist. G. S. Station Markings In Feet	Water Surface Elevation In Feet	Agency Supplying Data
SAN PASQUAL HYDRO SUBUNIT Z-05.00											
SAN PASQUAL HYDRO SUBUNIT Z-05.C0											
SAN PASQUAL HYDRO SUBAREA Z-05.C2											
12S/01W-35F01 S	4.30+7	(CONT.) 2-12-64 3-16-64 4-16-64 5-15-64 6-16-64	70+6P 71+0P 70+8P 65+0* 72+8P	360+1 359+7 359+9 365+7 367+4	5229	12S/01W-35H02 S	4.44+3	7-17-63 8-20-63 9-20-63 10-15-63 11-19-63 12-17-63	63+5 65+4 65+9 66+0 66+0 66+2	380+8 378+9 378+4 378+3 378+1 378+1	5229
12S/01W-35F02 S	4.30+0	7-17-63 8-20-63 9-20-63 10-15-63 11-19-63 12-17-63 1-15-64 2-12-64 3-16-64 4-16-64 5-15-64 6-16-64	62+6P 50+6 55+6 63+3P 37+0 59+7 60+1* 57+8 66+4*	367+4 379+4 374+4 366+5 370+3 370+3 369+9 372+2 363+6	5229	12S/01W-35L04 S	4.29+7	7-17-63 8-20-63 9-20-63 10-15-63 11-19-63 12-17-63 1-15-64 2-12-64 3-16-64 4-16-64 5-15-64 6-16-64	55+6 56+6 50+5 52+6 52+5 51+5 54+5 54+5 51+9 54+5 54+5 54+5	374+1 379+1 379+2 377+1 377+2 378+2 375+2 377+1 377+8 375+2 375+1	5229
12S/01W-35F03 S	4.26+5	7-17-63 8-20-63 9-20-63 10-15-63 11-19-63 12-17-63 1-15-64 2-12-64 3-17-64 4-16-64 5-15-64 6-16-64	DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY		5229	12S/01W-35M01 S	4.10+1	7-17-63 8-20-63 9-20-63 10-15-63 11-19-63 12-17-63 1-15-64 2-12-64 3-16-64 4-16-64 5-15-64 6-16-64	46+0P 40+8 39+0 39+7P 38+3P 37+7* 40+0 45+8P 45+9 42+8P 47+8P 47+3P	370+1 375+3 377+1 376+4 377+8 377+7 370+3 370+3 370+3 371+3 368+8	5229
12S/01W-35G02 S	4.36+2	7-18-63 8-21-63 9-23-63 10-17-63 11-22-63 12-19-63 1-16-64 2-12-64 3-17-64 4-17-64 5-16-64 6-17-64	56+0 56+9 57+6 58+0 57+8 57+6 57+9 57+8 57+4 58+2 59+2 61+1	380+2 379+3 378+6 378+2 378+4 378+6 378+4 378+4 378+3 378+3 377+0 375+1	5229	12S/01W-35N02 S	4.19+6	7-17-63 8-20-63 9-20-63 10-15-63 11-19-63 12-17-63 1-15-64 2-12-64 3-16-64 4-16-64 5-15-64 6-16-64	46+0P 40+8 39+0 39+7P 38+3P 37+7* 40+0 45+8P 45+9 42+8P 47+8P 47+3P	370+1 375+3 377+1 376+4 377+8 377+7 370+3 370+3 370+3 371+3 368+8	5229

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

(CONT.)

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. Water Surface Elev. in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. Water Surface Elev. in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SAN DIEGUIITO HYDRO UNIT											
Z-05*00											
SAN PASQUAL HYDRO SUBUNIT											
Z-05*00											
SAN PASQUAL HYDRO SUBAREA											
125/01W-35M02 S	419.6	(CONT.) 1-15-63 1-15-64 2-12-64 3-16-64 4-16-64 5-15-64 6-16-64	DRY	5229	5229	125/01W-36D00 S	449.7	1-15-64 2-13-64 3-17-64 4-16-64 5-15-64 6-16-64	DRY	5229	5229
125/01W-35M03 S	418.6	12-17-63 1-15-64	39.0 37.4	379.6 381.7	5229	125/01W-36F01 S	458.5	7-18-63 8-20-63 9-20-63 10-17-63 11-19-63 12-17-63	DRY	5229	5229
125/01W-36C03 S	452.7	7-18-63 8-20-63 9-20-63 10-17-63 11-19-63 12-17-63	DRY	5229	5229			1-15-64 2-13-64 3-17-64 4-16-64 5-15-64 6-16-64	DRY		
125/01W-36D01 S	448.1	7-18-63 8-21-63 9-21-63 10-17-63 11-19-63 12-17-63	DRY		5229	125/01W-36G01 S	464.2	7-18-63 8-20-63 9-20-63 10-17-63 11-19-63 12-17-63	64.9 66.2 67.4 68.5 69.6 70.6	399.3 398.0 396.8 395.7 394.4 392.6	5229
		1-15-64 2-13-64 3-17-64 4-16-64 5-15-64 6-16-64	DRY					1-15-64 2-13-64 3-17-64 4-16-64 5-15-64 6-16-64	72.4 73.3 72.9 72.4 75.8	391.8 390.9 391.3 391.8 388.4	
		7-18-63 8-21-63 9-20-64 10-17-63 11-19-63 12-17-63	DRY					7-18-63 8-20-63 9-20-63 10-17-63 11-15-64 12-18-64	68.5 74.2 67.0 68.2 76.9 78.1	398.6 392.9 400.1 398.9 397.7 389.0	5229
125/01W-36D02 S	445.9	8-21-63 9-20-64 10-17-63 11-19-63 12-17-63	DRY	5229	5229	125/01W-36H01 S	467.1	7-18-63 8-20-63 9-20-63 10-17-63 11-15-64 12-18-64	68.5 74.2 67.0 68.2 76.9 78.1	398.6 392.9 400.1 398.9 397.7 389.0	5229
		1-15-64 2-13-64 3-17-64 4-16-64 5-15-64 6-16-64	DRY					1-15-64 2-13-64 3-17-64 4-16-64 5-15-64 6-16-64	72.4 73.3 72.9 72.4 75.8	391.8 390.9 391.3 391.8 388.4	
		7-18-63 8-21-63 9-20-64 10-17-63 11-19-63 12-17-63	DRY					7-18-63 8-20-63 9-20-63 10-17-63 11-15-64 12-18-64	68.5 74.2 67.0 68.2 76.9 78.1	398.6 392.9 400.1 398.9 397.7 389.0	5229

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. (in Feet)	Date	Dist. U. S. Measurer Surface In Feet	Water Surface Elevation In Feet	Agency Supplying Data	State Well Number	G. S. Elev. (in Feet)	Date	Dist. U. S. Measurer Surface In Feet	Water Surface Elevation In Feet	Agency Supplying Data
SAN PASQUAL HYDRO SUBUNIT Z-05.C0											
SAN PASQUAL HYDRO SUBAREA Z-05.C0											
SAN PASQUAL HYDRO SUBUNIT Z-05.C2											
SAN PASQUAL HYDRO SUBAREA Z-05.C2											
12S/01W-36H01 S	467.1	(CONT.) 6-16-64	82.6	384.5	5229	13S/01W-04A01 S	389.0	10-15-63	URY	358.9	5229
13S/01W-03D01 S	401.4	7-17-63	DRY		5229			11-19-63	DRY	356.2	
		8-20-63	DRY					12-17-63	DRY	355.9	
		9-20-63	DRY					1-15-64	DRY	355.7	
		10-15-63	DRY					2-12-64	DRY	355.4	
		11-19-63	DRY					3-16-64	DRY	354.9	
		12-17-63	DRY					4-16-64	DRY	354.7	
		1-15-64	DRY					5-15-64	DRY	354.6	
		2-12-64	DRY					6-16-64	DRY	353.6	
		3-16-64	DRY					7-17-63	23.2	358.9	5229
		4-16-64	DRY					11-19-63	25.9	356.2	
		5-15-64	DRY					12-17-63	26.2	355.9	
		6-16-64	DRY					1-14-64	26.4	355.7	
								2-11-64	26.7	355.4	
								4-16-64	27.1	354.9	
								6-16-64	27.9	354.6	
								5-15-64	28.7	354.7	
								6-16-64	28.7	353.6	
13S/01W-03E01 S	399.2	11-16-63	30.4	368.8	5050	13S/01W-04C01 S	382.1	7-17-63	23.2	358.9	5229
		1-15-64	30.1	365.1	5229			11-19-63	25.9	356.2	
		2-12-64	30.3	368.9				12-17-63	26.2	355.9	
		3-16-64	30.4	368.8				1-14-64	26.4	355.7	
		4-16-64	30.4	368.8				2-11-64	26.7	355.4	
		5-15-64	30.4	368.8				4-16-64	27.1	354.9	
		6-16-64	30.4	368.8				6-16-64	27.9	354.6	
								5-15-64	28.7	354.7	
								6-16-64	28.7	353.6	
13S/01W-03E02 S	400.1	7-17-63	DRY		5050	13S/01W-05A01 S	373.8	7-17-63	DRY		5229
		8-20-63	DRY					8-20-63	DRY		
		9-20-63	DRY					10-15-63	DRY		
		1-15-64	DRY					11-19-63	DRY		
		11-19-63	DRY					12-17-63	DRY		
		12-17-63	DRY					1-14-64	DRY		
		1-15-64	DRY					2-11-64	DRY		
		2-11-64	DRY					3-16-64	DRY		
		3-16-64	DRY					4-16-64	DRY		
		4-16-64	DRY					5-15-64	DRY		
		5-15-64	DRY					6-16-64	DRY		
		6-16-64	DRY					7-17-63	39.0P	334.6	5229
13S/01W-03F01 S	401.7	11-14-63	32.4	369.3	5050			8-20-63	37.5	335.1	
								9-20-63	37.1	334.5	
								10-15-63	36.2P	334.4	
								1-15-64	34.2	334.7	
								1-15-64	34.2	334.7	
								1-16-64	34.9P	337.7	
								2-11-64	34.0	334.0	
								3-16-64	32.9	334.7	
								4-16-64	32.7	334.7	
								5-15-64	31.9	334.7	
13S/01W-04A01 S	389.0	7-17-63	DRY		5229			(CONT.)			
		8-20-63	DRY								
		9-20-63	DRY								
		11-19-63	DRY								
		12-17-63	DRY								
		1-15-64	DRY								
		2-11-64	DRY								
		3-16-64	DRY								
		4-16-64	DRY								
		5-15-64	DRY								
		6-16-64	DRY								

• Questionable measurement

•• Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, In Feet	Agency Supplying Data	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev. in Feet	Agency Supplying Data
SAN DIEGUIITO HYDRO UNIT												
Z-05+00												
SANTA MARIA VALLEY HYDRO SUBUNIT												
RAMONA HYDRO SUBAREA												
135/O1E-11M01 S	1465.0**	(CONT.) 11-23-63	25.2	1439.8	4402	135/O1E-15B01 S	1425.0**	9-24-63	22.8	1402.2	4402	
		12-23-63	25.1	1439.9				10-24-63	22.7	1402.3		
		1-23-64	25.1	1439.9				11-23-63	22.7	1402.3		
		2-24-64	25.0	1440.0				11-23-63	22.1	1402.9		
		3-24-64	25.1	1439.7				2-24-64	21.9	1403.1		
		4-24-64	25.3	1439.7				3-24-64	21.6	1405.4		
		5-22-64	25.0	1440.0				4-24-64	21.3	1403.7		
		6-23-64	25.7	1439.5				5-22-64	20.8	1404.2		
								6-23-64	21.6	1403.4		
135/O1E-11M02 S	1455.5**	7-24-63	26.3	1429.2	4402	135/O1E-15B02 S	1435.0**	7-24-63	20.5	1414.5	4402	
		8-24-63	24.6	1430.9				8-23-63	21.0	1414.0		
		9-24-63	24.8	1430.7				9-24-63	21.3	1413.7		
		10-24-63	24.8	1430.7				10-24-63	21.4	1413.6		
		11-23-63	24.8	1430.7				11-23-63	21.3	1413.7		
		12-23-63	24.8	1430.7				12-23-63	21.3	1414.0		
		1-23-64	24.8	1430.7				1-23-64	20.9	1414.1		
		2-24-64	24.8	1430.7				2-24-64	20.6	1414.4		
		3-24-64	24.7	1430.8				3-23-64	20.5	1414.5		
		4-24-64	24.7	1430.8				4-24-64	20.3	1414.7		
		5-22-64	24.7	1430.8				5-22-64	20.2	1414.8		
		6-23-64	24.9	1430.6				6-24-64	20.7	1414.3		
135/O1E-11M03 S	1465.0**	7-24-63	23.8	1441.2	4402	135/O1E-15E02 S	1421.0**	11-05-63	16.8	1404.2	5050	
		8-23-63	24.2	1440.8				4-14-64	17.7	1403.5		
		9-24-63	24.4	1440.6								
		10-24-63	24.6	1440.4								
		11-23-63	24.8	1440.2								
		12-23-63	24.7	1440.3								
		1-23-64	24.8	1436.2								
		2-24-64	24.8	1440.2								
		3-24-64	24.7	1440.3								
		4-24-64	24.7	1440.3								
		5-22-64	24.7	1440.3								
		6-23-64	24.8	1440.2								
135/O1E-11M02 S	1480.0**	11-05-63	23.1	1456.9	5050	135/O1E-15F01 S	1405.0**	11-05-63	19.8	1385.2	5050	
		4-15-64	21.7	1458.1								
135/O1E-14A02 S	1500.0**	11-05-63	14.1	1485.9	5050							
		4-15-64	14.4	1487.6								
135/O1E-15B01 S	1425.0**	7-24-63	22.6	1402.4	4402							
		8-23-63	22.3	1402.7								
		(CONT.)										

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. To Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. To Water Surface, In Feet	Water Surface Elevation, In Feet	Agency Supplying Data
SAN DIEGUILO HYDRO UNIT Z-05*00											
SANTA MARIA VALLEY HYDRO SUBUNIT Z-05*00											
RAMONA HYDRO SUBAREA											
13S/01E-16P03 S	1399*0	11-05-63 4-16-64	19*9 19*7	1379*1 1379*3	5050	13S/02E-09H01 S	2318*0**	11-07-63 4-15-64	16*5 15*3	2301*5 2302*7	5050
13S/01E-17O02 S	1390*0**	11-05-63 4-16-64	20*1 18*3	1369*9 1371*7	5050	BALLENA HYDRO SUBAREA Z-05*05					
13S/01E-19J01 S	1360*0**	11-07-63 4-16-64	12*0* 9*4	1348*0 1350*6	5050	13S/02E-10K01 S	2460*0**	11-07-63 4-15-64	25*2 25*6	2434*8 2434*4	5050
13S/01E-22D01 S	1423*0**	11-05-63 4-16-64	41*6 35*6	1381*4 1387*4	5050	13S/02E-11C01 S	2490*0**	11-07-63 4-15-64	16*6 14*2	2473*4 2475*8	5050
13S/01E-23E01 S	1500*0**	11-07-63	40*6	1459*4	5050	EAST SANTA TERESA HYDRO SUBAREA Z-05*06					
13S/01E-23K01 S	1520*0**	11-07-63 4-15-64	70*3 65*1	1449*7 1454*9	5050	13S/02E-03E01 S	2520*0**	11-07-63 4-15-64	31*6 31*9	2488*4 2488*1	5050
13S/01E-27B01 S	1455*0**	11-07-63 4-15-64	34*9 35*5	1420*1 1419*5	5050	WEST SANTA TERESA HYDRO SUBAREA Z-05*07					
13S/01E-27K01 S	1440*0**	11-07-63	50*0	1390*0	5050	12S/02E-32H01 S	2345*0**	11-07-63 4-15-64	19*2 20*2	2325*8 2324*8	5050
13S/01E-28C01 S	1420*0**	11-07-63 4-15-64	25*2 23*5	1394*8 1396*5	5050						
13S/01E-29P01 S	1435*0**	11-07-63 4-16-64	53*2 50*4	1381*8 1384*6	5050						
13S/01W-13H01 S	1370*0**	11-07-63 4-16-64	25*8 38*7	1344*2 1331*3	5050						
LOWER HATFIELD HYDRO SUBAREA Z-05*02											
13S/02E-17C01 S	1820*0**	11-07-63 4-15-64	27*4 27*6	1792*6 1792*4	5050						
WASH HOLLOW HYDRO SUBAREA Z-05*03											
13S/02E-15E01 S	2070*0**	11-07-63 4-15-64	23*9 24*0	2046*1 2046*0	5050						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data	State Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface In Feet	Water Surface Elev. In Feet	Agency Supplying Data
SAN DIEGUITO HYDRO UNIT Z-05*00											
SANTA YSABEL HYDRO SUBUNIT Z-05*E0											
RODEN HYDRO SUBAREA Z-05*E1											
125/01E-34001 S	1595.0**	11-05-63	67*8	1527*2	5050						
		4-14-64	66*0	1528*4							
135/01E-03P01 S	1497*0	11-05-63	41*3	1455*7	5050						
		4-14-64	39*1	1457*7							
PAMO HYDRO SUBAREA Z-05*E2											
115/01E-35P02 S	1060.0**	11-05-63	23*9	1036*1	5050						
		4-14-64	24*7	1036*1							
115/01E-35P03 S	1058.0**	11-05-63	21*8	1036*2	5050						
		4-14-64	21*7	1036*3							
125/01E-02P01 S	1030.0**	11-05-63	16*0	1014*0	5050						
		4-14-64	15*2	1014*8							
125/01E-02P02 S	1030.0**	11-05-63	15*2	1014*8	5050						
		4-14-64	14*5	1015*7							
125/01E-11L02 S	1002.0**	11-05-63	23*3	978*7	5050						
		4-14-64	21*7*	980*1							
125/03E-18C01 S	3015.0**	11-07-63	7*8	3007*2	5050						
		4-15-64	6*1	3008*9							
125/03E-21N01 S	2970.0**	11-07-63	8*2	2961*8	5050						
		4-15-64	4*3	2964*7							
125/03E-28C01 S	2980.0**	11-07-63	21*1	2958*9	5050						
		4-15-64	19*6	2960*4							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SAN DIEGO HYDRO UNIT											
LOWER SAN DIEGO HYDRO SUBUNIT SANTÉE HYDRO SUBAREA						Z-07*00					
Z-07*00						Z-07*00					
155/01E-17B01 S	430*0**	7-04-63	52*5	377*5	5420	155/01E-17H07 S	435*0	9-03-63	55*0	380*0	5420
		7-31-63	52*5	377*5				10-03-63	54*9	380*1	
		9-03-63	52*4	377*6				11-01-63	34*9	380*1	
		10-03-63	52*3	377*7				11-29-63	34*9	380*1	
		11-01-63	52*3	377*7				12-31-63	54*8	380*2	
		11-29-63	52*3	377*7				2-02-64	54*8	380*2	
		12-31-63	52*2	377*8				3-01-64	380*1		
		2-02-64	51*4	378*6				3-31-64	54*8	380*2	
		3-01-64	52*3	377*7				4-30-64	54*8	380*2	
		3-31-64	52*2	377*8				5-30-64	54*7	380*3	
		4-30-64	52*2	377*8				6-30-64	54*7	380*3	
		5-30-64	52*1	377*9							
		6-30-64	52*1	377*9							
155/01E-17B02 S	425*0**	7-04-63	50*2	374*8	5420	155/01E-18L02 S	400*0**	7-02-63	45*0	355*0	4421
		7-31-63	50*0	375*0				8-01-63	45*2	354*8	
		9-01-63	49*8	375*1				9-01-63	45*3	354*7	
		10-03-63	49*8	375*1				10-01-63	45*5	354*5	
		11-01-63	49*7	375*2				11-01-63	45*4	354*6	
		11-29-63	49*7	375*3				12-01-63	45*1	354*9	
		12-31-63	49*6	375*4				2-05-64	45*1	354*8	
		2-02-64	49*6	375*4				3-02-64	44*9	355*0	
		3-01-64	49*7	375*3				3-01-64	44*7	355*1	
		3-31-64	49*5	375*5				4-01-64	44*7	355*3	
		4-30-64	49*5	375*5				5-01-64	44*5	355*3	
		5-30-64	49*5	375*5				6-01-64	44*8	355*2	
		6-30-64	49*5	375*5							
155/01E-17H02 S	430*0**	7-04-63	56*6	373*4	5420	155/01E-20B04 S	476*6	7-04-63	5*0	471*6	5420
		7-31-63	56*6	373*4				7-31-63	5*1	471*5	
		9-03-63	56*6	373*4				9-03-63	5*2	471*4	
		10-03-63	56*6	373*4				10-03-63	5*0	471*6	
		11-01-63	56*6	373*4				11-01-63	4*9	471*7	
		11-29-63	56*6	373*4				11-29-63	5*0	471*6	
		12-31-63	56*6	373*4				12-31-63	5*0	471*6	
		2-02-64	56*6	373*4				2-02-64	5*2	471*4	
		3-01-64	56*6	373*4				3-01-64	5*0	471*6	
		3-31-64	56*6	373*4				3-31-64	5*1	471*5	
		4-30-64	56*6	373*4				4-30-64	5*3	471*3	
		5-30-64	56*6	373*4				5-30-64	5*2	471*4	
		6-30-64	56*5	373*5				6-30-64	5*3	471*3	
		6-30-64	56*6	373*4							
155/01E-17H07 S	435*0	7-04-63	55*2	379*8	5420	155/01E-20D01 S	428*9	7-04-63	39*0	389*9	5420
		7-31-63	55*0	380*0				7-31-63	38*2	390*7	
		9-03-63	55*0	380*0				10-03-63	40*2	388*4	
		11-01-63	55*0	380*0				11-01-63	38*9	390*0	
		11-29-63	55*0	380*0				11-01-63	38*9	390*0	

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air-pipe measurement

(CONT.)

(CONT.)

(CONT.)

TABLE C-4
GROUND WATER LEVELS AT WELLS

Stone Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data	Stone Well Number	G. S. Elev. In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev. In Feet	Agency Supplying Data
SAN DIEGO HYDRO UNIT Z-07-00											
LOWER SAN DIEGO SUBUNIT Z-07-A0						LOWER SAN DIEGO HYDRO SUBUNIT Z-07-A0					
SANTÉE HYDRO SUBAREA						EL MONTE HYDRO SUBAREA					
155/01E-20D01 S	428.9	(CONT.) 11-29-63 12-31-63 7-02-64 4-01-64 3-31-64 4-30-64 5-30-64 6-30-64	37.0 35.8 39.1 34.6 34.5 33.5 33.0 33.2	391.9 393.1 393.9 394.3 394.4 395.4 395.9	5420	155/01E-09U02 S	460.0**	9-03-63 10-03-63 11-01-63 11-29-63 12-31-63 2-02-64 3-01-64 3-31-64 4-30-64 5-30-64 6-30-64	59.1 59.3 59.4 59.5 59.7 59.8 60.2 60.2 60.3 60.3 60.6	400.9 400.7 400.6 400.5 400.3 400.2 399.8 399.8 399.7 399.7 399.4	5420
155/01E-20D02 S	409.7	7-04-63 9-31-63 10-03-63 11-01-63 11-29-63 12-31-63 2-01-64 2-01-64 3-31-64 4-30-64 5-30-64 6-30-64	31.0 30.9 31.0 30.9 29.0 29.3 29.5 29.4 29.4 29.0 28.7 28.4	378.7 378.8 378.7 380.7 380.4 380.2 380.5 380.2 380.3 380.7 381.0 381.3	5420	155/01E-09H01 S	450.0**	7-04-63 7-31-63 9-03-63 10-03-63 11-01-63 11-29-63 12-31-63 2-01-64 2-01-64 3-31-64 4-30-64 5-30-64 6-30-64	54.6 54.8 55.1 55.4 55.9 55.7 56.0 56.0 56.2 56.5 56.5 56.9	395.4 395.2 394.9 394.6 394.8 394.3 394.2 393.7 393.7 393.6 393.5 393.1	5420
EL MONTE HYDRO SUBAREA Z-07-A5											
155/01E-09P01 S	445.0**	7-04-63 7-31-63 9-03-63 10-03-63 11-01-63 11-29-63 12-31-63 2-02-64 3-01-64 3-31-64 4-30-64 5-30-64 6-30-64	58.1 58.7 58.8 59.0 59.1 59.1 59.2 58.8 58.8 59.4 59.0 59.6 59.6	386.9 386.3 386.2 386.0 385.9 385.9 385.8 386.2 385.4 385.6 385.0 385.4 385.4	5420	155/01E-10N01 S	450.0**	7-04-63 7-31-63 9-03-63 10-03-63 11-01-63 11-29-63 12-31-63 2-02-64 3-01-64 3-31-64 4-30-64 5-30-64 6-30-64	55.3 55.6 55.9 56.2 56.4 56.5 56.8 56.8 57.2 57.2 57.5 57.5 57.8	394.7 394.4 394.1 393.8 393.6 393.5 393.2 393.2 392.8 392.8 392.5 392.5 392.5	5420
155/01E-09D01 S	460.0**	7-05-63 7-31-63 (CONT.)	58.9 58.8	401.5 401.2	5420	155/01E-16B01 S	451.5	7-04-63 9-31-63 9-03-63 10-03-63	58.8 58.8 59.0 59.2	392.7 392.7 392.5 392.5	5420

• Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gage measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SAN DIEGO HYDRO UNIT Z-07*00											
LOWER SAN DIEGO HYDRO SUBUNIT EL MONTE HYDRO SUBAREA Z-07*A0						LOWER SAN DIEGO HYDRO SUBUNIT EL MONTE HYDRO SUBAREA Z-07*A5					
155/O1E-16B01 S	451.5	(CONT.) 11-01-63 11-29-63 12-31-63 2-02-64 3-01-64 3-31-64 4-30-64 5-30-64 6-30-64	59*2 59*2 59*4 59*5 59*8 59*8 59*8 59*9 60*1	392*3 392*3 392*1 392*0 391*7 391*7 391*7 391*6 391*4	5420	155/O1E-16C04 S	445.0**	11-29-63 12-31-63 2-02-64 3-01-64 3-31-64 4-30-64 5-30-64 6-30-64	58*6 58*7 58*7 59*0 59*0 59*0 59*0 59*1	386*4 386*3 386*3 386*0 386*0 386*0 386*0 386*0 385*9	5420
155/O1E-16C02 S	440.0**	7-04-63 7-31-63 9-03-63 10-03-63 11-01-63 11-29-63 12-02-64 3-01-64 3-31-64 4-30-64 5-30-64 6-30-64	53*7 53*8 53*8 53*9 54*0 54*0 54*0 54*5 54*8 54*6 54*6 54*3	386*3 386*2 386*2 386*1 386*0 386*0 386*0 385*9 385*2 385*4 385*7 385*7	5420	155/O1E-16C03 S	448.5	7-04-63 7-31-63 9-03-63 10-03-63 11-01-63 11-29-63 12-31-63 2-02-64 3-01-64 3-31-64 4-30-64 5-30-64 6-30-64	58*7 58*7 58*8 58*8 59*0 59*0 59*1 59*2 59*2 59*5 59*0 59*6 59*6	389*8 389*8 389*7 389*5 389*5 389*4 389*4 389*3 389*3 389*0 389*0 388*9 388*9	5420
155/O1E-16C04 S	445.0**	7-04-63 7-31-63 9-03-63 10-03-63 11-01-63 11-29-63 12-31-63 2-02-64 3-01-64 3-31-64 4-30-64 5-30-64 6-30-64	57*9 58*2 58*3 58*4 58*5 58*5 58*5	387*1 386*8 386*7 386*6 386*5	5420						

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SAN DIEGO HYDRO UNIT											
Z-07+00											
CUYAMACA HYDRO SUBUNIT											
Z-07+00											
SPENCER HYDRO SUBAREA											
Z-07+02											
135/04E-06A01 S	4280.0**	5-03-64	103+0	4177+0	5727						
		5-26-64	115+0	4165+0							
		6-25-64	160+0*	4120+0							

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air-bubble measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., in Feet	Date	Dist. G.S. Well to Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	State Well Number	G. S. Elev., in Feet	Date	Dist. G.S. Well to Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data
SWEETWATER HYDRO UNIT											
LOWER SWEETWATER HYDRO SUBUNIT SWEETWATER HYDRO SUBAREA						LOWER SWEETWATER HYDRO SUBUNIT SWEETWATER HYDRO SUBAREA					
Z-09*AU						Z-09*AU					
175/01W-19J01 S	96*4	7-09-63	11*0	85*4	5703	175/01W-20E01 S	99*7	12-12-61	9*9	89*8	5703
		8-07-63	11*3	85*1				1-06-64	10*1	89*6	
		9-11-63	11*4	85*0				2-06-64	10*2	89*5	
		10-15-63	11*3	85*1				3-03-64	10*2	89*5	
		11-22-63	11*3	85*1				4-07-64	9*9	89*8	
		12-12-63	11*1	85*3				5-08-64	10*8	88*9	
		1-06-64	11*2	85*2				6-04-64	11*6	88*1	
		3-03-64	11*4	85*0		175/01W-20L01 S	71*6	7-09-63	4*1	67*5	5703
		4-07-64	10*3	86*1				8-07-63	4*4	67*2	
		5-08-64	10*3	86*1				9-11-63	4*4	67*5	
		6-04-64	12*1	84*3				10-15-63	4*5	67*1	
			11*8	84*6				11-22-63	4*5	67*1	
175/01W-19K01 S	91*0	7-09-63	10*1	80*9	5703			12-12-63	4*5	67*1	
		8-07-63	10*1	80*9				1-06-64	4*6	67*0	
		9-11-63	10*3	80*7				2-06-64	4*6	67*0	
		10-15-63	10*3	80*7				3-03-64	4*4	67*2	
		11-22-63	10*1	80*9				4-07-64	3*9	67*7	
		12-12-63	9*9	81*1				5-08-64	4*4	67*2	
		1-06-64	10*1	80*9				6-04-64	4*8	66*8	
		2-06-64	10*1	80*9				7-09-63	7*5	72*6	5703
		3-03-64	11*3	79*7				8-07-63	7*8	72*3	
		4-07-64	10*8	80*2				9-11-63	8*3	71*8	
		5-08-64	10*0	81*0				10-15-63	8*4	71*7	
		6-04-64	10*7	80*3				11-22-63	8*3	71*8	
175/01W-19Q01 S	86*8	7-09-63	6*5	80*3	5703	175/01W-30F01 S	80*1	12-12-63	7*8	72*3	
		8-07-63	6*9	79*9				1-06-64	8*3	71*8	
		9-11-63	7*2	79*6				2-06-64	8*0	72*1	
		10-15-63	7*2	79*6				3-03-64	8*4	71*7	
		11-22-63	6*9	80*0				4-07-64	8*6	71*5	
		12-12-63	6*7	80*1				5-08-64	8*0	72*1	
		1-06-64	6*8	80*0				6-04-64	8*9	71*2	
		2-06-64	6*8	80*0				7-09-63	6*7	64*2	5703
		3-03-64	7*6	79*2		175/01W-30M01 S	70*9	8-07-63	7*1	63*8	
		4-07-64	6*6	80*2				9-11-63	7*1	63*8	
		5-08-64	7*0	79*8				10-15-63	7*6	63*5	
		6-04-64	7*7	79*1				11-22-63	7*6	63*5	
								12-12-63	7*4	63*5	
175/01W-20E01 S	99*7	7-09-63	10*9	88*8	5703			1-06-64	7*4	63*5	
		8-07-63	11*2	88*5				2-06-64	7*5	63*4	
		9-11-63	10*9	88*8				3-03-64	7*1	63*8	
		10-15-63	10*8	88*9				4-07-64	6*6	64*3	
		11-22-63	9*6	90*1							
			(CONT.)								

* Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data	State Well Number	G. S. Elev. in Feet	Date	Dist. G. S. to Water Surface in Feet	Water Surface Elev. in Feet	Agency Supplying Data
SWEETWATER HYDRO UNIT											
LOWER SWEETWATER HYDRO SUBUNIT SWEETWATER HYDRO SUBAREA						Z-09*00					
(CONT.)						Z-09*00					
175/01W-30M01 S	70.9	5-08-64	6.8	64.1	5703	175/02W-25P04 S	55.0	8-07-63	5.5	49.5	5703
		6-04-64	7.0	63.9				9-11-63	5.6	49.4	
175/01W-30M02 S	71.3	7-09-63	6.7	64.4	5703			10-12-63	5.0	49.4	
		8-07-63	7.0	64.3				11-22-63	5.4	49.6	
		9-11-63	7.0	64.3				12-12-63	5.4	49.6	
		10-15-63	7.4	63.9				1-06-64	5.1	49.9	
		11-22-63	7.2	64.1				2-06-64	5.0	50.0	
		12-12-63	7.3	64.0				3-03-64	5.6	49.4	
		1-06-64	7.4	63.9				5-08-64	5.1	49.9	
		2-06-64	7.5	63.8				6-04-64	5.2	49.8	
		3-03-64	8.1	63.2							
		4-07-64	6.4	64.9							
		5-08-64	6.8	64.5							
		6-04-64	7.0	64.3							
175/02W-25J01 S	67.0	7-09-63	6.9	60.1	5703						
		8-07-63	9.7	60.1							
		9-11-63	7.0	63.9							
		10-15-63	7.0	64.7							
		11-22-63	7.2	59.6							
		12-12-63	7.2	59.8							
		1-06-64	6.9	60.1							
		2-06-64	7.3	59.7							
		3-03-64	7.1	59.9							
		4-07-64	6.6	60.4							
		5-08-64	6.8	60.2							
		6-04-64	6.8	60.2							
175/02W-25P03 S	55.0	7-09-63	3.8	51.2	5703						
		8-07-63	4.1	50.9							
		9-11-63	4.0	51.0							
		10-15-63	4.0	51.0							
		11-22-63	3.8	51.2							
		12-12-63	3.7	51.3							
		1-06-64	3.6	51.4							
		2-06-64	3.5	51.5							
		3-03-64	3.8	51.2							
		4-07-64	3.7	51.7							
		5-08-64	3.5	51.5							
		6-04-64	3.6	51.4							
175/02W-25P04 S	55.0	7-09-63	5.4	49.6	5703						
		(CONT.)									

• Questionable measurement

** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data	State Well Number	G. S. Elev., In Feet	Date	Dist. G. S. to Water Surface, In Feet	Water Surface Elev., In Feet	Agency Supplying Data
SWEETWATER HYOKO UNIT											
MIDDLE SWEETWATER HYOKO SUBUNIT JAMACHA HYOKO SUBAREA											
Z-09+80											
165/01E-15U1 S	480.0**	7-09-63	DRY		5703	165/01E-31D02 S	326.0	3-03-64	15.8	310.2	5703
165/01E-16D01 S	453.0**	7-09-63	56.0*	399.0	5703			4-07-64	15.8	310.2	
		12-12-63	23.2	431.8				5-08-64	15.7	310.2	
		1-06-64	23.1	431.9				6-04-64	16.8	309.2	
		2-06-64	22.3	432.7							
		3-03-64	22.2	432.8							
		5-08-64	24.4	430.6							
165/01E-31C03 S	335.9	7-09-63	21.5	314.4	5703	165/01E-31D03 S	325.8	7-09-63	14.6	311.2	5703
		8-07-63	21.5	314.4				8-07-63	14.8	311.0	
		9-11-63	21.4	314.5				9-11-63	15.1	310.7	
		10-15-63	21.3	314.6				10-15-63	15.2	310.6	
		11-22-63	21.5	314.4				11-22-63	15.2	310.6	
		12-12-63	21.7	314.2				12-12-63	15.5	310.3	
		1-06-64	21.8	314.1				1-06-64	15.4	310.4	
		2-06-64	21.8	314.1				2-06-64	15.7	310.1	
		3-03-64	22.3	313.6				3-03-64	15.6	310.2	
		4-07-64	21.9	314.1				4-07-64	15.4	310.4	
		5-08-64	21.7	314.2				5-08-64	15.3	310.5	
		6-04-64	21.7	314.2				6-04-64	15.3	310.5	
165/01E-31D01 S	329.0	7-09-63	18.1	310.9	5703	175/01W-01D01 S	295.2	7-09-63	5.7	289.5	5703
		8-07-63	18.1	310.6				8-07-63	5.8	289.4	
		9-11-63	18.6	310.4				9-11-63	5.8	289.4	
		10-15-63	18.8	310.2				10-15-63	5.4	289.8	
		11-22-63	18.6	310.2				11-22-63	5.6	289.6	
		12-12-63	18.7	310.3				12-12-63	5.4	289.6	
		1-06-64	18.8	310.2				1-06-64	5.2	290.0	
		2-06-64	18.6	310.4				2-06-64	5.3	290.0	
		3-03-64	18.5	310.5				3-03-64	5.2	290.0	
		4-07-64	18.7	310.3				4-07-64	4.9	290.3	
		5-08-64	18.6	310.4				5-08-64	5.0	290.2	
		6-04-64	DRY					6-04-64	5.3	289.9	
165/01E-31D02 S	326.0	7-09-63	15.0	311.0	5703	175/01W-01D02 S	295.6	7-09-63	6.0	289.6	5703
		8-07-63	15.3	310.7				8-07-63	6.5	289.1	
		9-11-63	15.6	310.4				9-11-63	6.2	289.4	
		10-15-63	15.7	310.3				10-15-63	5.8	289.8	
		11-22-63	15.8	310.2				11-22-63	5.9	289.7	
		12-12-63	15.7	310.1				12-12-63	5.8	289.8	
		1-06-64	15.9	310.1				1-06-64	5.5	290.1	
		2-06-64	15.9	310.1				2-06-64	5.3	290.3	
		3-03-64	15.9	310.1				3-03-64	5.3	290.3	
		4-07-64	15.9	310.1				4-07-64	5.4	290.2	
		5-08-64	15.9	310.1				5-08-64	5.4	290.2	
		6-04-64	15.9	310.1				6-04-64	5.7	289.9	

* Questionable measurement

† (CONT.) ** Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-4
GROUND WATER LEVELS AT WELLS

Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface, in Feet	Water Surface Elev., in Feet	Agency Supplying Data	Well Number	G.S. Elev., in Feet	Date	Dist. G.S. to Water Surface in Feet	Water Surface Elev., in Feet	Agency Supplying Data
TIA JUANA HYDRO UNIT											
MONUMENT HYDRO SUBUNIT											
PINE HYDRO SUBAREA											
Z-11•D0											
155/04E-36K01 S	4061.0	7-01-63	52.9P	4008.1	5723	CAMPO HYDRO SUBAREA					
Z-11•D1											
Z-11•H0											
Z-11•H2											
CAMPO HYDRO SUBUNIT											
CAMPO HYDRO SUBAREA											
Z-11•H0											
Z-11•H2											
Z-11•H4											
Z-11•H6											
Z-11•H8											
Z-11•H10											
Z-11•H12											
Z-11•H14											
Z-11•H16											
Z-11•H18											
Z-11•H20											
Z-11•H22											
Z-11•H24											
Z-11•H26											
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Z-11•H80											
Z-11•H82											
Z-11•H84											
Z-11•H86											
Z-11•H88											
Z-11•H90											
Z-11•H92											
Z-11•H94											
Z-11•H96											
Z-11•H98											
Z-11•H100											

• Questionable measurement

•• Approximate ground surface elevation

P Pumping measurement

A Air gauge measurement

TABLE C-5

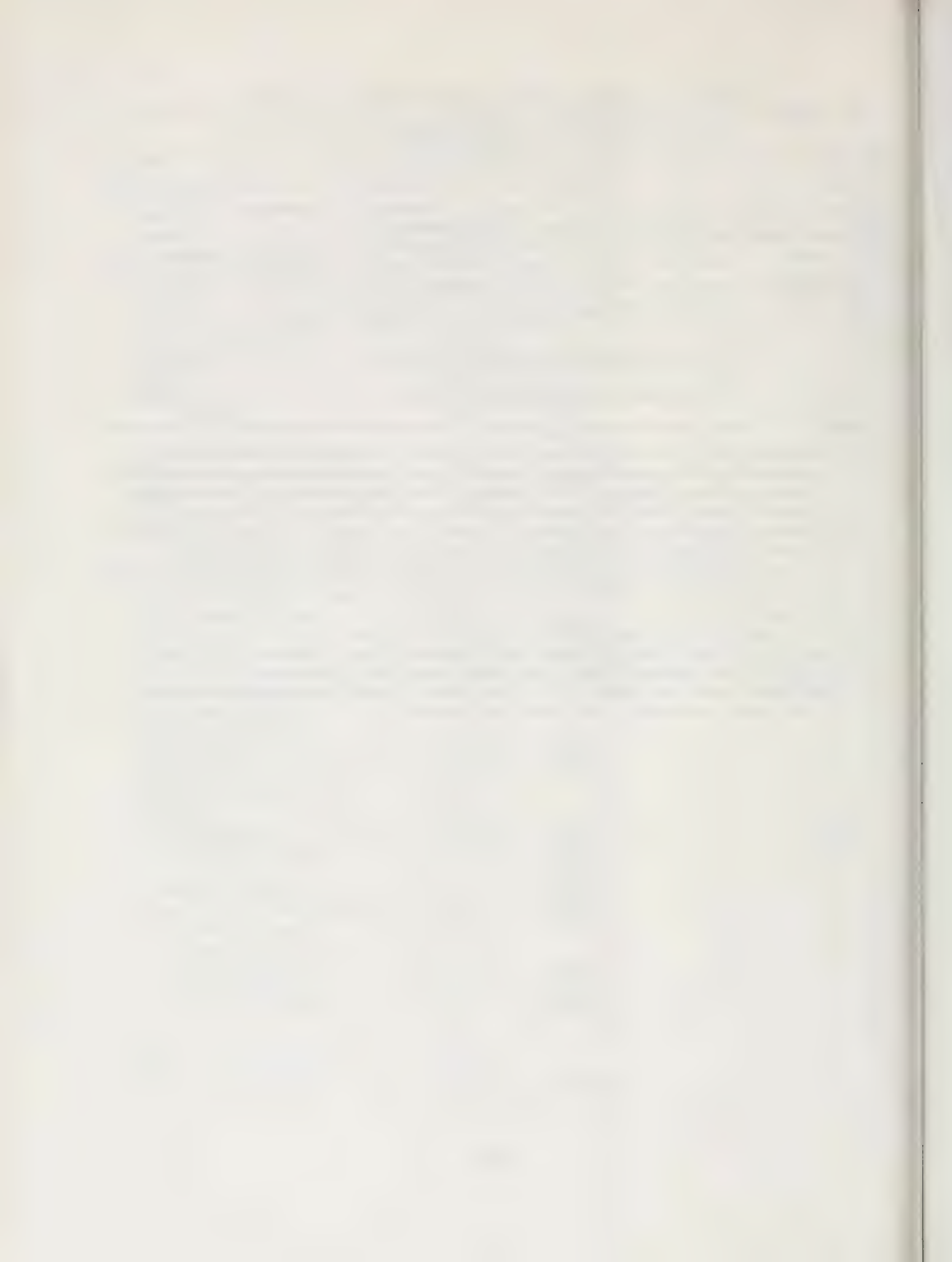
SUMMARY OF PRINCIPAL GROUND WATER RECHARGE ACTIVITIES
IN LAHONTAN, COLORADO RIVER BASIN, SANTA ANA, AND SAN DIEGO DRAINAGE PROVINCES
DURING THE 1963-64 WATER YEAR

Hydrologic unit	: Areal : : designation : : code : : number :	: Agency : : conducting : : spreading : : operation ^a :	: Number : : of : : projects : : operated :	: Reported or : : estimated : : amount : : spread, in : : acre-feet :
Santa Ana River Unit	Y-01.00			
Lower Santa Ana River Subunit	Y-01.A0			
East Coastal Plain Subarea	Y-01.A1	OCWD AUWC	4 1	124,424 ^b 425 ^c
Santa Ana Narrows Subarea	Y-01.A3	SAVIC	1	40
Middle Santa Ana River Subunit	Y-01.B0			
Chino Subarea	Y-01.B1	SBCFCD EWC	10 2	330 ^d 111
Claremont Heights Subarea	Y-01.B3	PVPA CFWD	2 1	0 70
Cucamonga Subarea	Y-01.B4	SAWC SBCFCD	1 2	518 1,519
Temescal Subarea	Y-01.B5	RCFC&WCD	1	497
Lake Mathews Subunit	Y-01.C0			
Coldwater Subarea	Y-01.C1	TWC	2	102
Lee Lake Subarea	Y-01.C4	TWC	2	16
Colton-Rialto Subunit	Y-01.D0			
Colton-Rialto Subarea	Y-01.D4	SBCFCD	2	n.a.
Reche Subarea	Y-01.D5	SBCFCD	1	n.a.
Upper Santa Ana River Subunit	Y-01.E0			
Cajon Subarea	Y-01.E1	SBCFCD	1	n.a.
Bunker Hill Subarea	Y-01.E2	SBCFCD SBVWCD	5 1	1,291 ^e 1,197
Mentone Subarea	Y-01.E4	SBVWCD	1	332
Santa Ana Canyon Subarea	Y-01.E7	SBVWCD	1	0
Sycamore Subarea	Y-01.E9	FUWC	1	735
San Timoteo Subunit	Y-01.F0			
Yucaipa Subarea	Y-01.F1	SBCFCD	1	n.a.
Oak Glen Subarea	Y-01.F6	SBCFCD	1	n.a.
Noble Creek Subarea	Y-01.F9	RCFC&WCD	1	1
San Jacinto Valley Unit	Y-02.00			
San Jacinto Subunit	Y-02.B0			
San Jacinto Subarea	Y-02.B1	RCFC&WCD	1	348

SUMMARY OF PRINCIPAL GROUND WATER RECHARGE ACTIVITIES
 IN LAHONTAN, COLORADO RIVER BASIN, SANTA ANA, AND SAN DIEGO DRAINAGE PROVINCES
 DURING THE 1963-64 WATER YEAR
 (continued)

Hydrologic unit	: Areal : designation : code : number	: Agency : conducting : spreading : operation ^a	: Number : of : projects : operated	: Reported or : estimated : amount : spread, in : acre-feet
TOTAL LOCAL AND IMPORTED WATER REPORTED SPREAD				131,956
TOTAL IMPORTED WATER REPORTED SPREAD				124,510
TOTAL LOCAL WATER REPORTED SPREAD				7,446

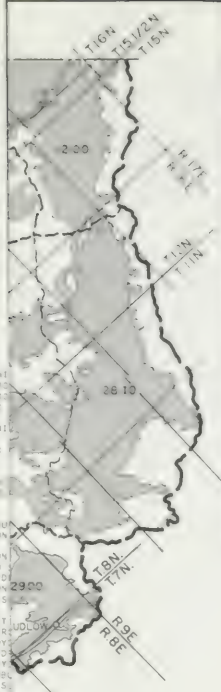
- a. Abbreviations of agencies conducting spreading operations are: AUWC-Anaheim Union Water Company; CPWD-City of Pomona Water Department; EWC-Etiwanda Water Company; FUWC-Fontana Union Water Company; OCWD-Orange County Water District; PVPA-Pomona Valley Protective Association; RCFC&WCD-Riverside County Flood Control and Water Conservation District; SAVIC-Santa Ana Valley Irrigation Company; SAWC-San Antonio Water Company; SBCFCD-San Bernardino County Flood Control District; SBWWCD-San Bernardino Valley Water Conservation District; and TWC-Temescal Water Company.
- b. Total quantity in unsoftened Colorado River water.
- c. Includes 86 acre-feet of unsoftened Colorado River water.
- d. Eighth Street Project reporting, nine others not available.
- e. Waterman Canyon and East Twin Creek, Rialto Baseline, and Devil Canyon Projects reporting, two others not available.



LAHONTAN DRAINAGE PROVINCE

- #0100 MONO HYDRO UNIT
- #0200 ANTHE HYDRO UNIT
- #0300 OWENS HYDRO UNIT
- #0300 LONG VALLEY SUBUNIT
- #0300 URBED OWENS HYDRO
- #0300 LOVED OWENS HYDRO
- #0300 CENTENNIAL HYDRO
- #0400 FISH LAKE HYDRO UNIT
- #0500 DEEP SPRINGS HYDRO
- #0600 SUREKA HYDRO UNIT
- #0700 SALINE HYDRO UNIT
- #0700 SALINE HYDRO SUBUNIT
- #0700 CANOED HYDRO SUBUNIT
- #0800 RACE TRACK HYDRO UNIT
- #0800 RACE TRACK HYDRO
- #0800 HIDDEN VALLEY HYDRO
- #0800 ULLIDEN HYDRO SUBUNIT
- #0800 SAND FLAT HYDRO SUBUNIT
- #0900 AMARGOSA HYDRO UNIT
- #0900 DEATH VALLEY HYDRO UNIT
- #0900 DEATH VALLEY HYDRO
- #0900 HARRISBURGH HYDRO
- #0900 KINGSTE WASH HYDRO
- #0900 VALJEAN HYDRO SUBUNIT
- #0900 AVANATZ HYDRO SUBUNIT
- #0900 RED PASS HYDRO
- #0900 VALJEAN HYDRO SUBUNIT
- #0900 SHADON HYDRO SUBUNIT
- #0900 FURNACE CREEK HYDRO
- #0900 FURNACE CREEK HYDRO
- #0900 GREENWATER HYDRO
- #0900 AMARGOSA HYDRO SUBUNIT
- #0900 CALICO HYDRO SUBUNIT
- #0900 AMARGOSA HYDRO SUBUNIT
- #0900 CHICAGO HYDRO SUBUNIT
- #0900 CALIFORNIA HYDRO
- #1000 PAHRUMP HYDRO UNIT
- #1100 MESQUITE HYDRO UNIT
- #1200 IVANPAH HYDRO UNIT
- #1300 OWLSHEAD HYDRO UNIT
- #1300 LOST LAKE HYDRO SUBUNIT
- #1300 OWLSHEAD HYDRO SUBUNIT
- #1400 LEACH HYDRO UNIT
- #1500 NELSON HYDRO UNIT
- #1500 MCLEAN HYDRO SUBUNIT
- #1500 NELSON HYDRO SUBUNIT
- #1600 RECYCLE HYDRO UNIT
- #1700 GOLDSTONE HYDRO UNIT
- #1800 COVOTE HYDRO UNIT
- #1900
- #2000 PANTMINT HYDRO UNIT
- #2000 KINGATE PASS HYDRO
- #2000 WILD ROSE HYDRO SUBUNIT
- #2000 WHITE SAGE HYDRO
- #2000 WILD ROSE HYDRO
- #2000 LEE FLAT HYDRO SUBUNIT
- #2000 SANTA ROSA FLAT HYDRO
- #2000 SANTA ROSA FLAT HYDRO
- #2000 RAINBOW HYDRO SUBUNIT
- #2000 SILVER DOLLAR HYDRO
- #2000 DARTMOUTH HYDRO SUBUNIT
- #2000 PANAMINT HYDRO SUBUNIT
- #2000 BROWN HYDRO SUBUNIT
- #2000 HORNERS HYDRO SUBUNIT

BOUNDARY BETWEEN GRAND DRAINAGE



KEY MAP

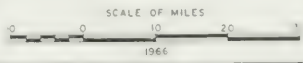
LEGEND

- DRAINAGE PROVINCE BOUNDARY
- HYDROLOGIC UNIT BOUNDARY
- HYDROLOGIC SUBUNIT BOUNDARY
- HYDROLOGIC SUBAREA BOUNDARY
- 2B3 AREAL CODE NUMBER
- WATER BEARING SEDIMENTS
- WELL AT WHICH WATER LEVEL FLUCTUATION IS SHOWN

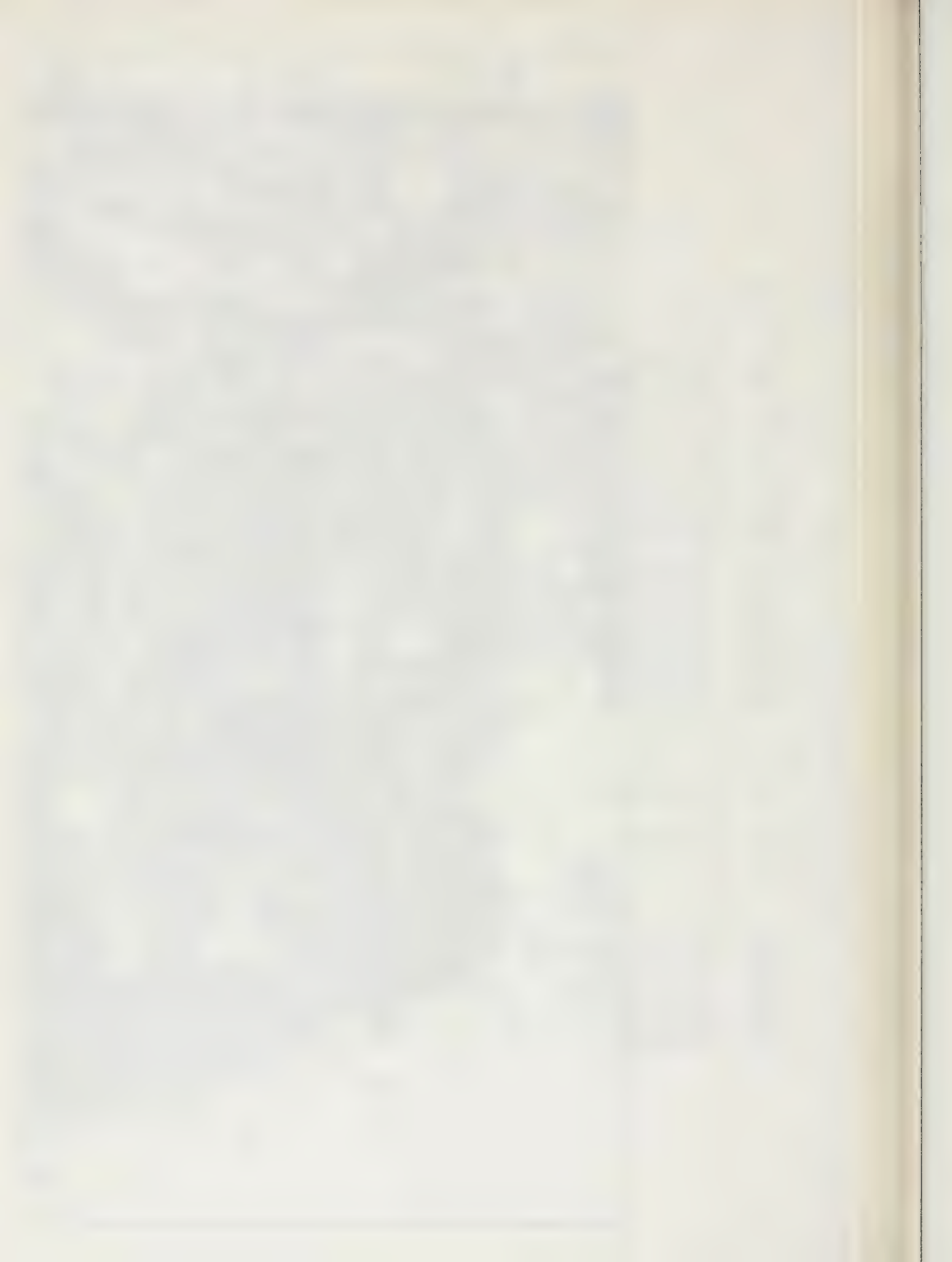
STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1964

LOCATION OF WELLS AT WHICH
WATER LEVEL FLUCTUATIONS ARE SHOWN
LAHONTAN DRAINAGE PROVINCE (W)



1966



APP
HYDROLOGIC UN

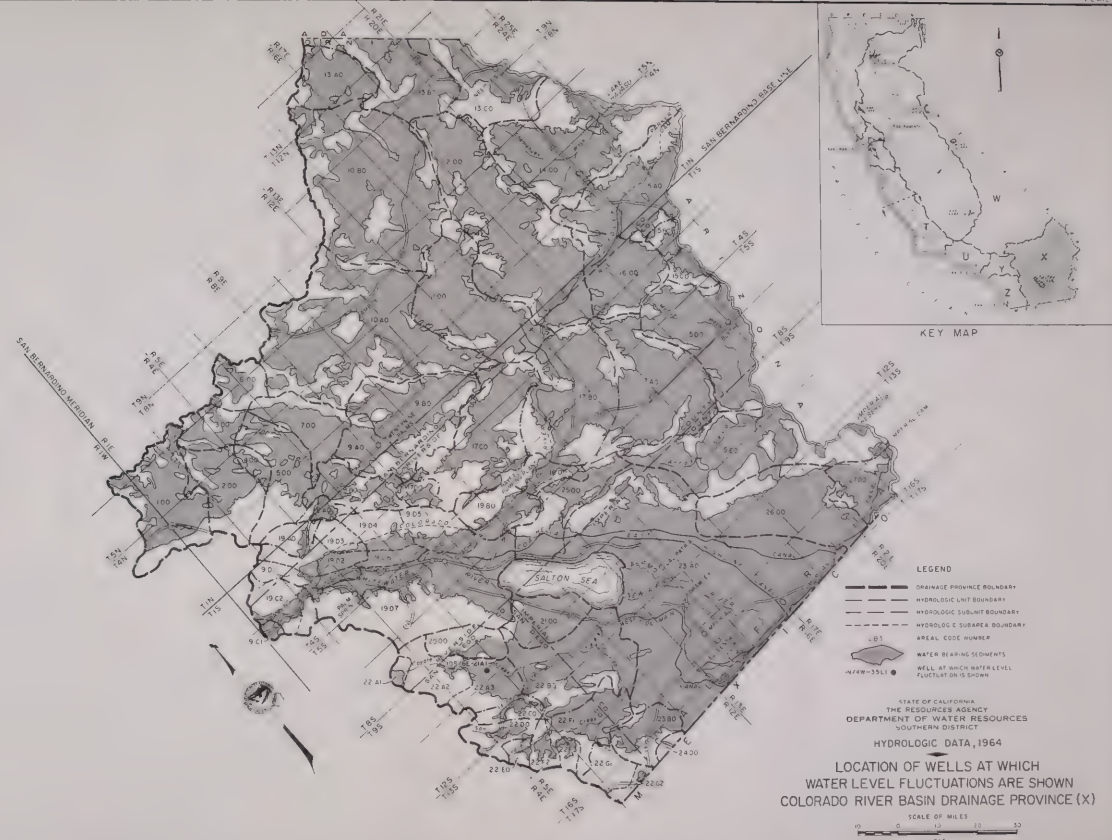
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107-1400 NIVEN HAZEL
 X=02.00 JOHNST
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 X=06.00 LEVIC
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 X=09.00 DALE
 X=10.00 BRISTOL
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 X=23.00 IMPER
 X=23.00 COVRT
 X=24.00 DAVIES H
 X=25.00 EAST SA
 X=26.00 AMOS-OS
 X=27.00 YUMA HY

WELL ESTABLISHMENT
HYDROLOGIC UNITS & SUBUNITS AND S. MARKS

COLORADO RIVER BASIN DRAINAGE PROVINCE

- #00100 LUCERNE HYDRO UNIT
- #00200 JOHNSON HYDRO UNIT
- #00300 REISNER HYDRO UNIT
- #00400 NEANE HYDRO UNIT
- #00500 EHRSON HYDRO UNIT
- #00600 LAYNE HYDRO UNIT
- #00700 GREENAN HYDRO UNIT
- # 700 HYDRA SPIC HYDRO UNIT
- # 701 HYDRA HYDRO SUBUNIT
- # 702 CORNER MOUNTAIN HYDRO SUBUNIT
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LEGEND

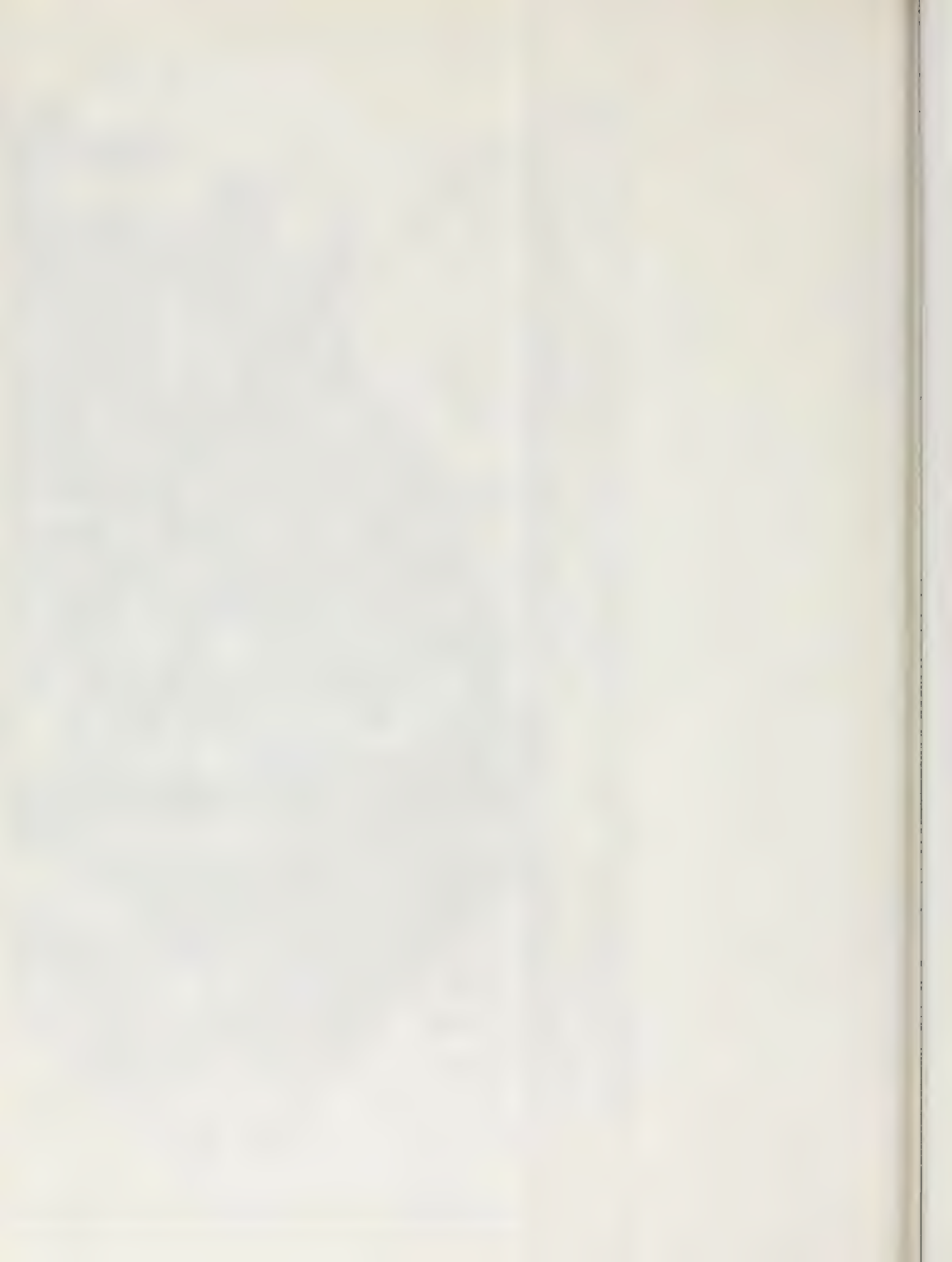
- DRAINAGE PROVINCE BOUNDARY
- HYDROLOGIC UNIT BOUNDARY
- HYDROLOGIC SUBUNIT BOUNDARY
- HYDROLOGIC SUBAREA BOUNDARY
- AREA CODE NUMBER
- WATER-BEARING SEGMENTS
- W-100-3311 ○ WELL AT WHICH WATER LEVEL FLUCTUATION IS SHOWN

STATE OF CALIFORNIA
 THE RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES
 SOUTHERN DISTRICT

HYDROLOGIC DATA, 1964

LOCATION OF WELLS AT WHICH
 WATER LEVEL FLUCTUATIONS ARE SHOWN
 COLORADO RIVER BASIN DRAINAGE PROVINCE (X)

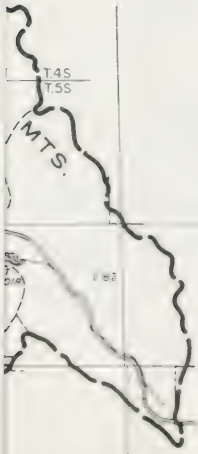
SCALE OF MILES
 0 5 10 20 30
 104









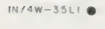


KEY MAP

T 1 N
T 1 S



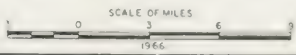
LEGEND

-  DRAINAGE PROVINCE BOUNDARY
-  HYDROLOGIC UNIT BOUNDARY
-  HYDROLOGIC SUBUNIT BOUNDARY
-  HYDROLOGIC SUBAREA BOUNDARY
-  AREAL CODE NUMBER
-  WATER BEARING SEDIMENTS
-  WELL AT WHICH WATER LEVEL FLUCTUATION IS SHOWN

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

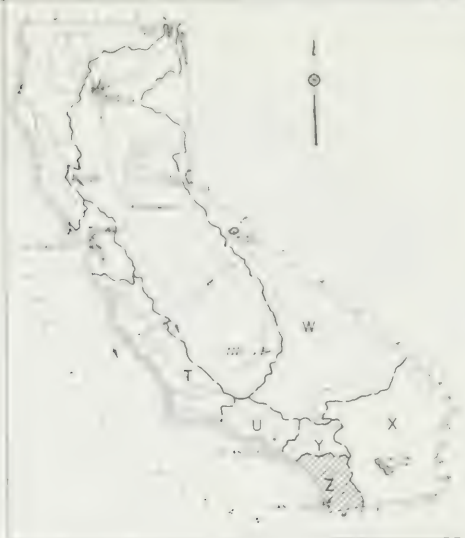
HYDROLOGIC DATA, 1964

LOCATION OF WELLS AT WHICH
WATER LEVEL FLUCTUATIONS ARE SHOWN
SANTA ANA DRAINAGE PROVINCE (Y)





- 2-0000 SAN JUAN
- 2-0001 LEONA HYDRO SUBAREA
- 2-0002 ELIOT HYDRO SUBAREA
- 2-0003 ANA POINT HYDRO SUBAREA
- 2-0004 SAN JUAN HYDRO SUBUNIT
- 2-0005 SAN JUAN HYDRO SUBAREA
- 2-0006 SAN JUAN HYDRO SUBAREA
- 2-0007 SAN JUAN HYDRO SUBAREA
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KEY MAP

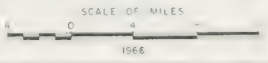
LEGEND

- DRAINAGE PROVINCE BOUNDARY
- HYDROLOGIC UNIT BOUNDARY
- HYDROLOGIC SUBUNIT BOUNDARY
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HYDROLOGIC DATA, 1964

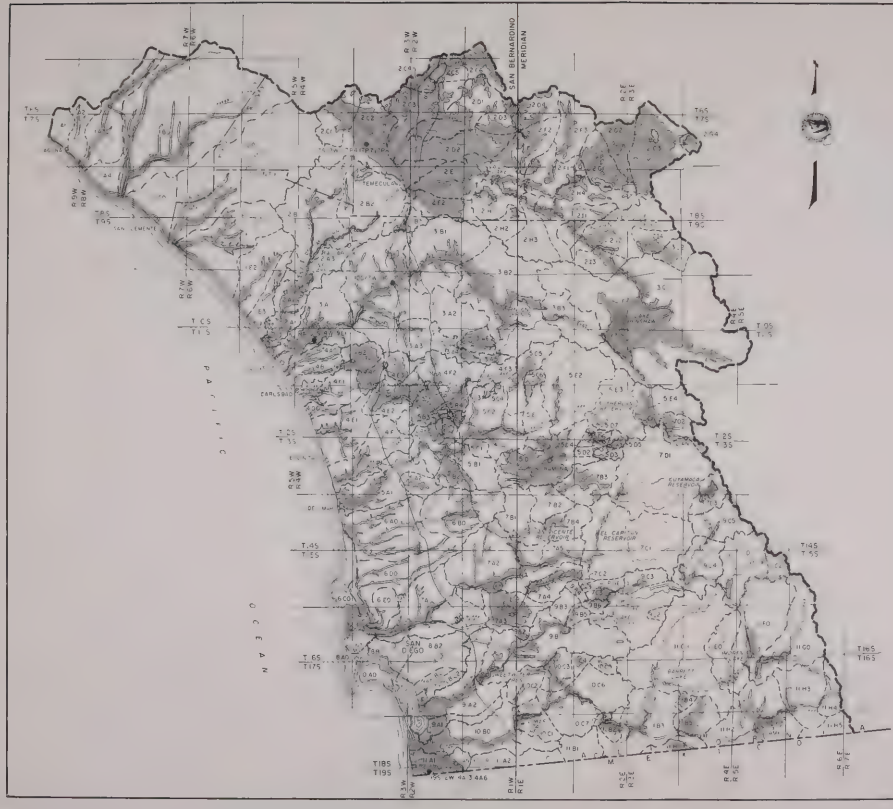
LOCATION OF WELLS AT WHICH
WATER LEVEL FLUCTUATIONS ARE SHOWN
SAN DIEGO DRAINAGE PROVINCE (Z)



ISRE

TOTAL STATE AGENCY
WATERLEVEL DATA, 1964

WELL NO.	WELL NAME	WELL TYPE	WELL DEPTH (FEET)	WELL DATE	WELL STATUS
101	San Juan Well	W	100	1964	Active
102	San Juan Well	W	100	1964	Active
103	San Juan Well	W	100	1964	Active
104	San Juan Well	W	100	1964	Active
105	San Juan Well	W	100	1964	Active
106	San Juan Well	W	100	1964	Active
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197	San Juan Well	W	100	1964	Active
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199	San Juan Well	W	100	1964	Active
200	San Juan Well	W	100	1964	Active



KEY MAP

LEGEND

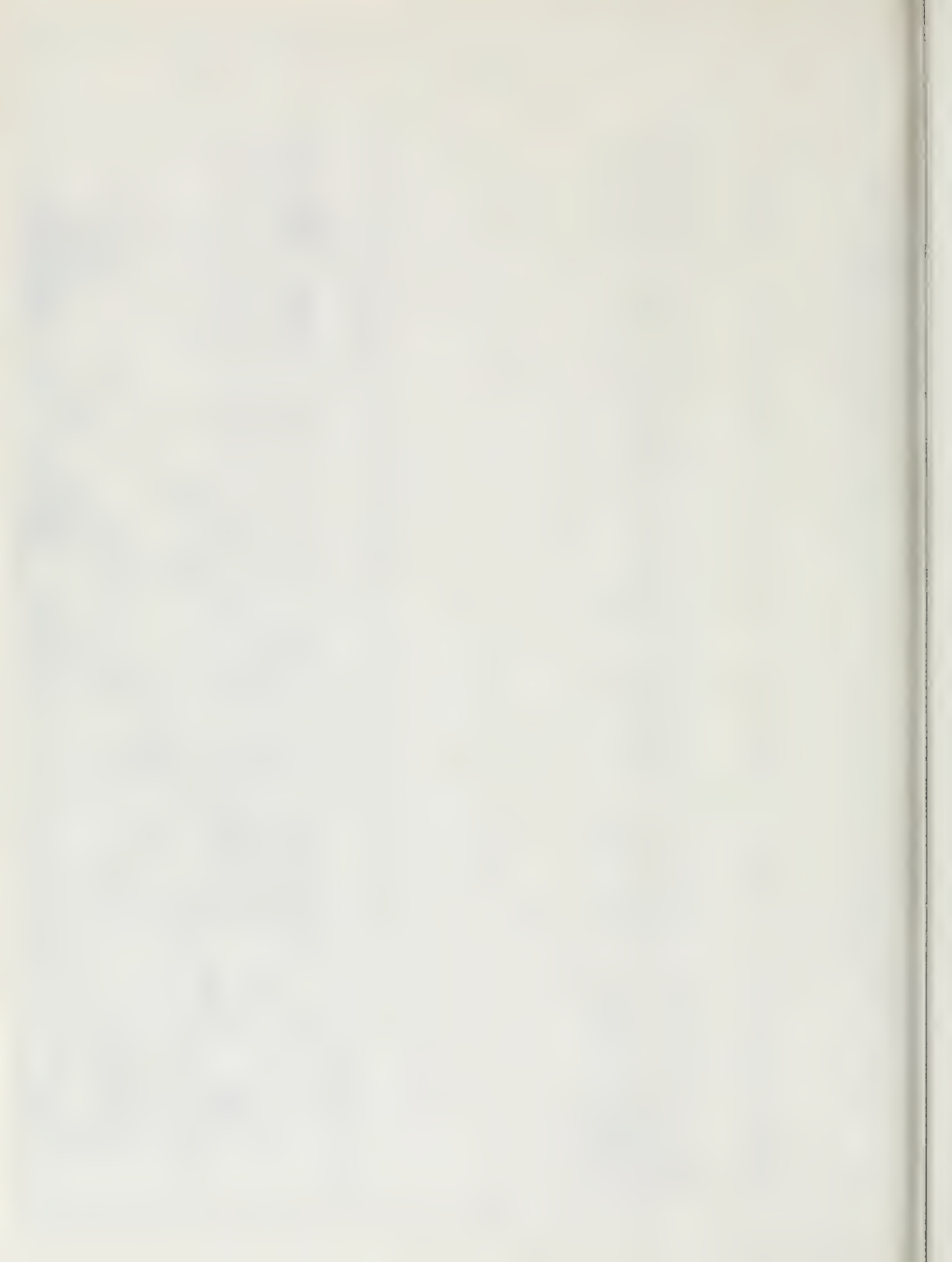
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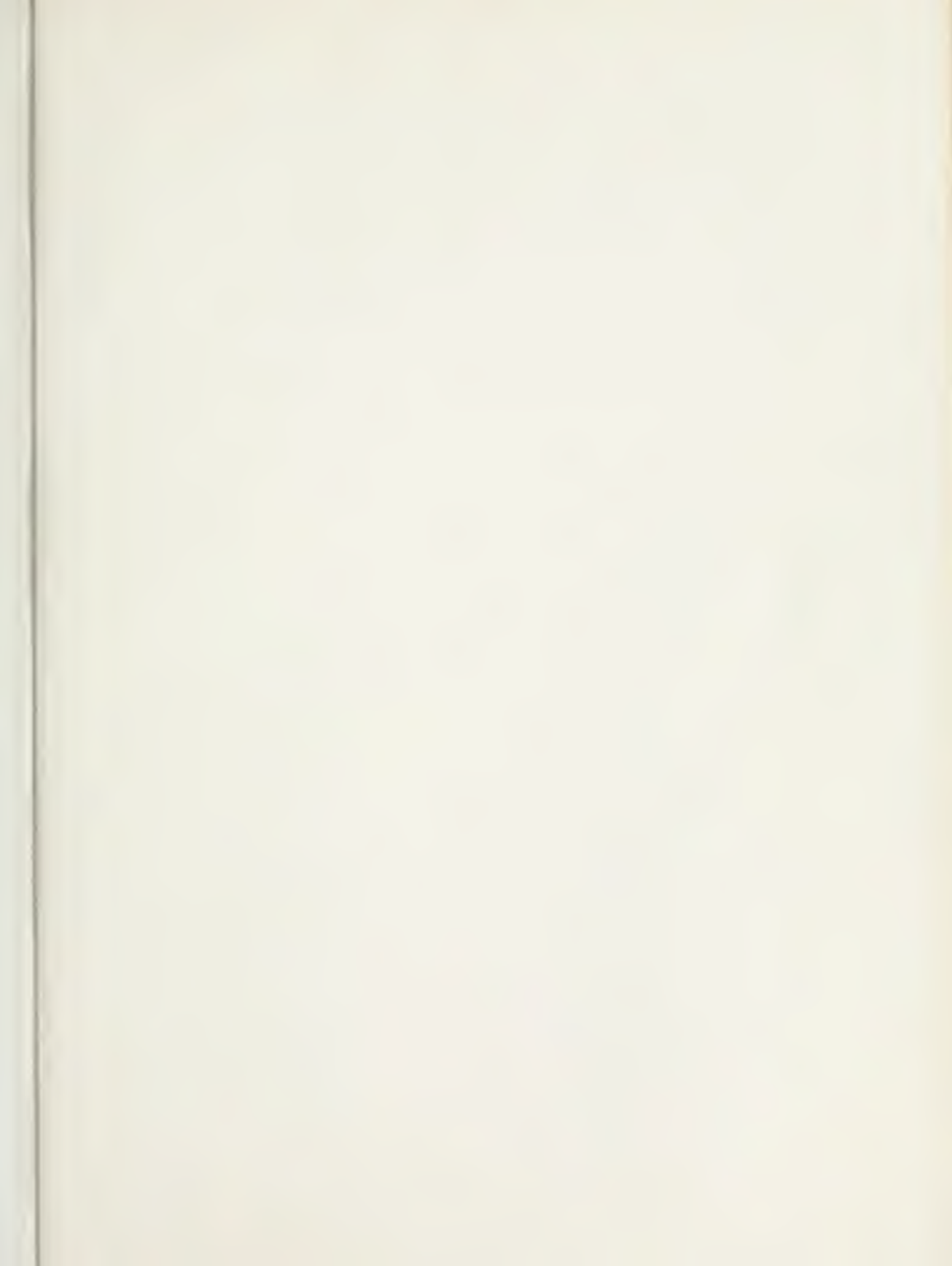
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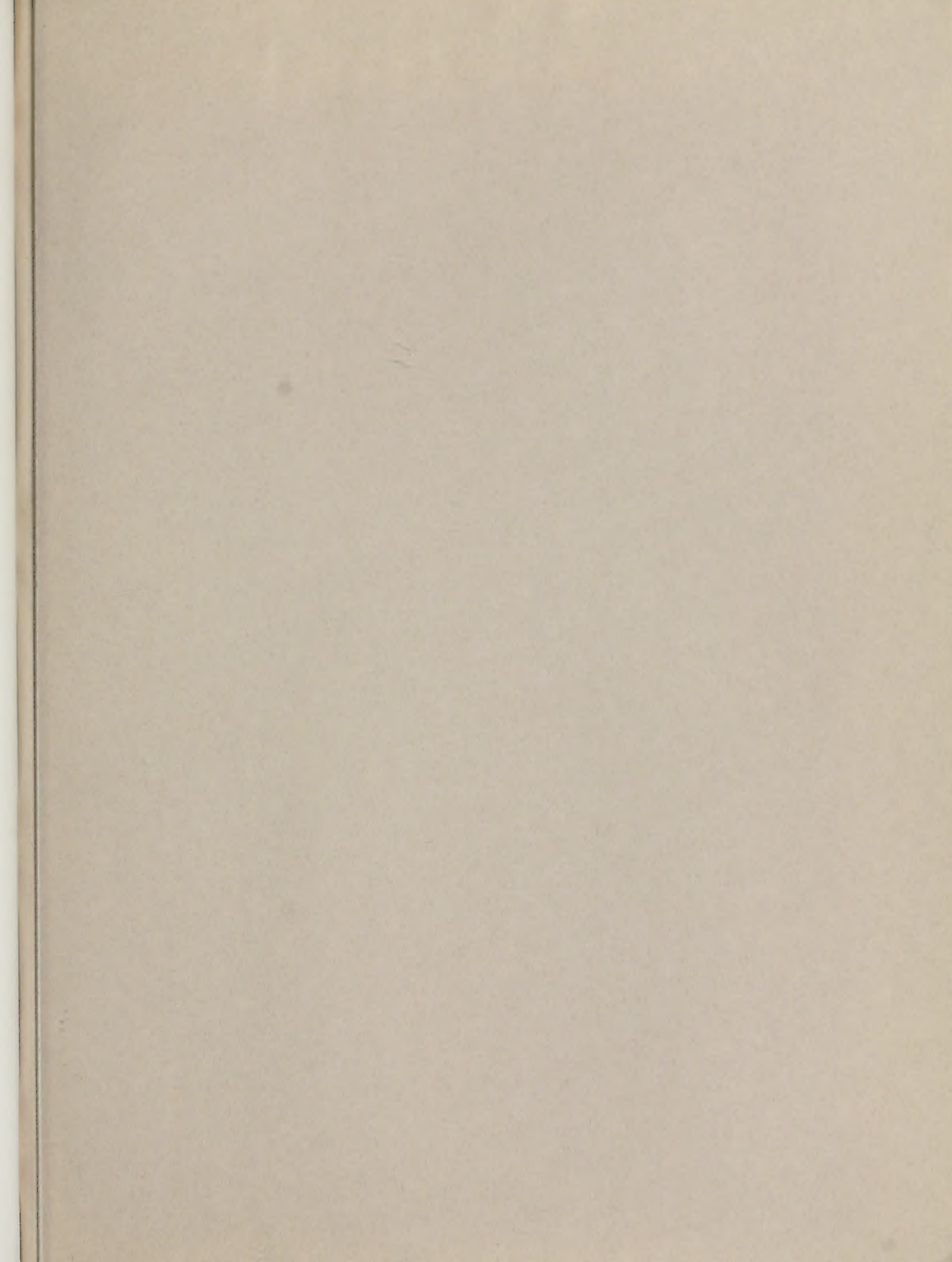
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SAN DIEGO DRAINAGE PROVINCE (Z)

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